UNITED STATES ATOMIC ENERGY COMMISSION

Nuclear Science Abstracts

Vol. 3 No. 12
December 30, 1949

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Vols. 1, 2 and 3

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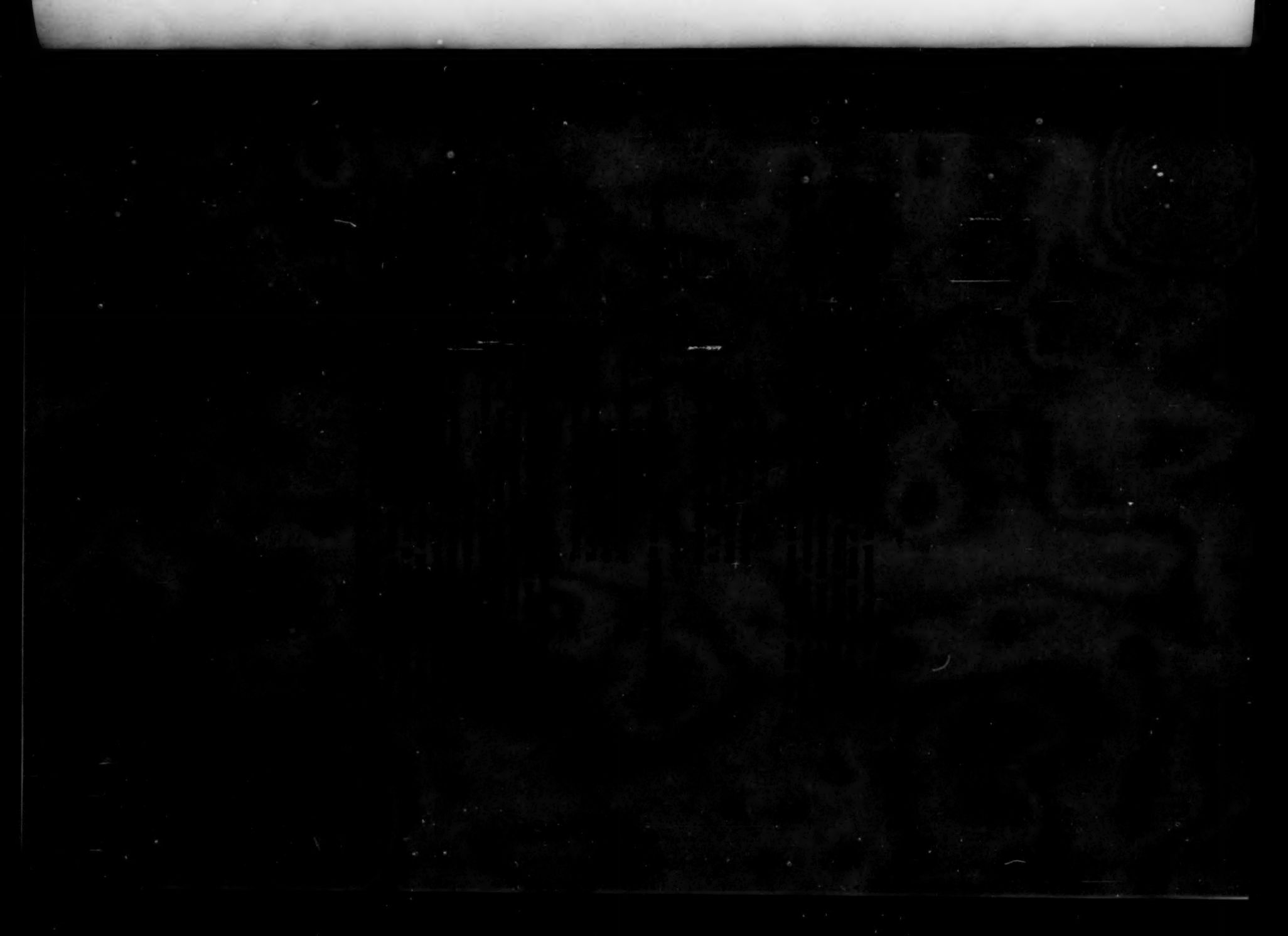

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no. 12

BINDING AND INDEX INSTRUCTIONS

This issue of Nuclear Science Abstracts contains the Cumulative Author, Subject, Nuclide and Foreign Geographic Indexes for volumes 1, 2, and 3 (the thirty-six issues of July 15, 1948, through December 30, 1949, inclusive). The pagination of these indexes is a continuation of the pagination of volume 3. The Cumulative Numerical Index (formerly called Location List) of U. S. Atomic Energy Commission declassified and unclassified documents is also provided. In binding volume 3, the Tables of Contents and the Cumulative Numerical Index of the individual issues (numbered with Roman numerals) and the several individual issue indexes (denoted with letters) should be discarded for they are superseded by the cumulations contained in this issue.

The Author Index is a straight alphabetical listing. In several cases the nationality of an author with a prefix name could not be determined. When this occurred, the author has been listed according to the prefix in agreement with the established American Library Association convention for alphabetizing American names with prefixes, e.g., De Quevado is filed in the "D" section instead of the "Q" section of the alphabet. No explanation is necessary for the Foreign Geographic Index and the Cumulative Numerical Index of Atomic Energy Commission declassified and unclassified documents.

The Subject Index for the most part uses minute, detailed entries, and is a straight alphabetical listing with one exception which is pointed out below. An element such as Carbon is listed first as a main heading subdivided by appropriate form headings. This main heading is immediately followed by the main heading Carbon Isotopes subdivided with the necessary form headings, which in turn is followed by specific carbon isotopes, such as Carbon C-10, listed according to mass number. The specific isotopes are then followed by the main heading Carbon Compounds. This artificiality in alphabetization (filing Carbon Isotopes before Carbon Compounds) was introduced into the index in order to keep an element (the normal isotopic mixture) and its several isotopes from becoming separated in the alphabet.

All organic compounds are listed both under the main heading Organic Compounds and under the specific name of the compound. For the simpler organic compounds the common or trivial names have been used (Ethyl Alcohol not Ethanol), and the names of derivatives have been inverted so that they will file behind the parent compound. Where necessary "see" references have been provided to direct the index user to the section of the alphabet where references to the compound he is interested in are located. Inorganic compounds are listed as subheads under the appropriate main head. As an example, under the main head Aluminum Compounds will be found such subheads as Aluminum Nitrate and Aluminum Oxide.

For the convenience of the user and in order to keep him from referring to several places in the alphabet before finding the entry he is looking for, a bibliographic device known as "double indexing" has been frequently resorted to. As an example, if references to shielding for reactors are sought, they will be found under both Reactors - Shielding For and Shielding - For Reactors. Too, where it is believed that the grouping of references under large subject headings may be of use to the index user, this has been done as well as listing the references under minute, detailed entries. As an illustration, all references to Radiation Detection Instruments have been grouped under this entry and subdivided according to generic types, as well as listed alphabetically under specific radiation detection instruments. Thus a reference pertaining to Geiger-Mueller counters is listed under Radiation Detection Instruments - Pulse Type and Geiger-Mueller Counters. The same bibliographic technique has been followed in the case of isotopic tracer applications where the reference is listed under Tracer Applications and under the specific isotope used as the tracer such as Carbon C-14.

Large numbers of "see" and "see also" references have been provided. A "see" reference sends the index user from a subject entry under which references are not listed to the entry under which references are listed; a "see also" reference refers the user from an entry under which references are listed to an entry where references to allied or related subjects may be found.

CUMULATIVE TABLE OF CONTENTS

Vol. 3, July 15-Dec. 30, 1949

Category	Abstracts
	Each number below indicates the first of a group of entries, not a single entry.
GENERAL	
Atomic Bombs and Warfare	192, 1789
Atomic Power	1, 193, 499, 1035, 1784
BIOLOGY AND MEDICINE	15, 210, 523, 908, 1047, 1176, 1318, 1790
Radiation Effects	2, 196, 502, 903, 1036, 1168, 1326, 1509, 1635, 1811
Radiation Hazards and Protection	25, 220, 534, 910, 1329, 1515, 1642, 1834
Radiation Sickness	226, 915, 1054, 1644, 1838
Radiography	27, 231, 1646
Radiotherapy	29, 232, 548, 917, 1056, 1182, 1331, 1516, 1647, 1842
Toxicology Studies	1321, 1500, 1792
Tracer Applications	58, 266, 592, 937, 1080, 1189, 1322, 1501, 1623, 1796
CHEMISTRY	90, 283, 638, 949, 1089, 1198, 1332, 1534, 1651, 1865
Analytical Procedures	75, 279, 627, 946, 1085, 1195, 1333, 1536, 1656, 1871
Atomic Weights and Periodic Systems	298, 1978
Crystallography and Crystal Structure	649, 1206, 1890
Deuterium and Deuterium Compounds	290, 654, 1093, 1892
Fluorine and Fluorocarbons	296, 656, 1344, 1668
Graphite	661, 1346
Laboratories and Equipment	953, 1654
Radiation Effects	97, 299, 663, 954, 1095, 1339, 1540, 1665, 1877
Rare Earths and Rare Earth Compounds	300, 664, 1096, 1347, 1542, 1894
Separation Procedures	1336, 1659, 1874
Spectroscopy	100, 309, 668, 1098, 1207, 1340, 1541, 1666, 1879
Syntheses	1341, 1667, 1882
Tracer Applications	102, 312, 671, 958, 1884
Transuranic Elements and Compounds	104, 317, 677, 959, 1208, 1349, 1670
Uranium and Uranium Compounds	106, 319, 679, 1100, 1210, 1350, 1543, 1671, 1895
ENGINEERING	
Heat Transfer and Fluid Flow	1672, 1898
Pumps	326, 686, 1545
Radiography	1673
Tracer Applications	328, 687, 960, 1355
Vacuum Systems	333, 690, 1104, 1213, 1356, 1547, 1899
MINERALOGY, METALLURGY, AND CERAMICS	
Ceramics and Refractories	693, 1674, 1902
Geology and Geophysics	336, 694, 961, 1105, 1360
Metals and Metallurgy	110, 339, 696, 962, 1106, 1214, 1361, 1557, 1675, 1904
Minerals and Mineralogy	119, 352, 706, 968, 1114, 1679, 1909

Category	Abstracts
PHYSICS	157, 415, 809, 997, 1147, 1282, 1425, 1729, 1979
Astrophysics	1116, 1367, 1681
Cosmic Radiation and Mesons	121, 357, 717, 973, 1118, 1223, 1368, 1562, 1683, 1915
Instruments	131, 375, 747, 981, 1123, 1244, 1382, 1570, 1701, 1928
Isotopes	135, 386, 1128, 1248, 1935
Isotopes Separation	139, 390, 1250, 1388, 1937
Mass Spectrography	140, 391, 757, 1251, 1704
Mathematics	1390, 1939
Measuring Instruments & Techniques	160, 425, 818, 1002, 1149, 1287, 1431, 1590, 1735, 1987
Microwaves	393
Molecular Structure	1940
Neutrons	142, 394, 759, 985, 1129, 1252, 1391, 1575, 1706, 1943
Nuclear Physics	422, 1148, 1426, 1731
Nuclear Properties	150, 404, 779, 991, 1140, 1267, 1400, 1581, 1712, 1955
Nuclear Reactors	784, 1411, 1584, 1723, 1962
Nuclear Transformation	154, 790, 994, 1272, 1415, 1585, 1725, 1964
Particle Accelerators	408, 796, 996, 1143, 1278, 1424, 1587, 1727, 1972
Radiation Absorption and Scattering	120, 355, 707, 969, 1115, 1218, 1452, 1599, 1739, 2007
Radioactivity	172, 487, 873, 1028, 1160, 1310, 1461, 1603, 1741, 2013
Theoretical Physics	165, 468, 852, 1014, 1157, 1298, 1480, 1612, 1761, 2028
Tracer Applications	497, 902, 1034

Cumulative Numerical Index to Abstracts of U. S. A. E. C. Declassified Documents

Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number
2024	1-40	2071	1-306	2116	1-644	2163	1-762	2210	1-1041
2025	1-87	2072	1-287	2117	1-673	2164	1-823	2211	1-1010
2026	1-1	2073	1-299	2118	1-705	2165	1-824	2212	1-907
2027	1-50	2074	1-300	2119	1-666	2166	1-835	2213	1-1073
2028	1-41	2075	1-373	2120	1-632	2167	1-750	2214	1-949
2029	1-210	2076	1-310	2121	1-688	2168	1-769	2215	1-908
2030	1-13	2077	1-311	2122	1-610	2169	1-1070	2216	1-1074
2031	1-176	2078	1-332	2123	1-618	2170	1-909	2217	1-941
2032	1-81	2079	1-230	2124	1-719	2171	1-910	2218	1-1042
2033	1-59	2080	1-288	2125	1-689	2172	1-888	2219	1-893
2034	1-2	2081	1-301	2126	1-659	2173	1-974	2220	1-914
2035	1-52	2082	1-269	2127	1-611	2174	1-975	2221	1-957
2036	1-14	2083	1-325	2128	1-619	2175	1-911	2222	1-1011
2037	1-15	2084	1-592	2129	1-612	2176	1-905	2223	1-922
2038	1-174	2085	1-404	2130	1-633	2177	1-1071	2224	1-1068
2039	1-88	2086	1-586	2131	1-651	2178	1-961	2225	1-923
2040	1-206	2087	1-509	2132	1-602	2179	1-1064	2226	1-1160
2041	1-89	2088	1-584	2133	1-613	2180	1-913	2227	1-1181
2042	1-42	2089	1-587	2134	1-720	2181	1-976	2228	1-1086
2043	1-51	2090	1-446	2135	1-620	2182	1-1065	2229	1-1146
2044	1-132	2091	1-588	2136	1-697	2183	1-977	2230	1-1137
2045	1-90	2092	1-585	2137	1-670	2184	1-1072	2231	1-1177
2046	1-211	2093	1-447	2138	1-652	2185	1-1066	2232	1-1182
2047	1-146	2094	1-522	2139	1-721	2186	1-1078	2233	1-1183
2048	1-91	2095	1-418	2140	1-722	2187	1-912	2234	1-1100
2049	1-92	2096	1-458	2141	1-723	2188	1-946	2235	1-1101
2050	1-93	2097	1-519	2142	1-747	2189	1-1006	2236	1-1134
2051	1-94	2098	1-510	2143	1-748	2190	1-978	2237	1-1097
2052	1-95	2099	1-419	2144	1-756	2191	1-990	2238	1-1218
2053	1-16	2099-A	1-419-A	2145	1-768	2192	1-1007	2239	1-1173
2054	1-177	2099-B	1-419-B	2146	1-764	2193	1-1008	2240	1-1117
2055	1-43	2100	1-429	2147	1-728	2194	1-1009	2241	1-1219
2056	1-133	2101	1-589	2148	1-878	2195	1-1067	2242	1-1098
2057	1-60	2102	1-420	2149	1-817	2196	1-979	2243	1-1118
2058	1-134	2103	1-480	2150	1-749	2197	1-991	2244	1-1223
2059	1-212	2104	1-606	2151	1-834	2198	1-892	2245	1-1162
2060	1-152	2105	1-650	2152	1-861	2199	1-1028	2246	1-1184
2061	1-53	2106	1-698	2153	1-791	2200	1-1017	2247	1-1224
2062	1-44	2107	1-702	2154	1-851	2201	1-889	2248	1-1091
2063	1-122	2108	1-607	2155	1-880	2202	1-947	2249	1-1212
2064	1-96	2109	1-608	2156	1-879	2203	1-992	2250	1-1161
2065	1-398	2110	1-680	2157	1-757	2204	1-906	2251	1-1140
2066	1-335	2111	1-643	2158	1-754	2205	1-887	2252	1-1119
2067	1-309	2112	1-638	2159	1-752	2206	1-1079	2253	1-1099
2068	1-229	2113	1-703	2160	1-852	2207	1-955	2254	1-1092
2069	1-372	2114	1-609	2161	1-753	2208	1-948	2255	1-1120
2070	1-357	2115	1-704	2162	1-763	2209	1-956	2256	1-1220

DECLASSIFIED DOCUMENTS CUMULATIVE LOCATION LIST

Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number
2257	1-1205	2316	1-1238	2375	1-1959	2434	2-512	2493	2-1472
2258	1-1108	2317	1-1265	2376	1-1960	2435	2-420	2494	2-1473
2259	1-1163	2318	1-1266	2377	1-1963	2436	2-755	2495	2-1489
2260	1-1185	2319	1-1267	2378	1-1859	2437	2-716	2496	2-1306
2261	1-1186	2320	1-1256	2379	1-1860	2438	2-700	2497	2-1332
2262	1-1135	2321	1-1333	2380	1-1826	2439	2-761	2498	2-1447
2263	1-1221	2322	1-1311	2381	1-1964	2440	2-1033	2499	2-1657
2264	1-1187	2323	1-1368	2382	1-1-1752	2441	2-954	2499-A	2-1658
2265	1-1225	2324	1-1348	2383	1-1893	2442	2-898	2499-B	2-1659
2266	1-1222	2325	1-1369	2384	1-1817	2443	2-1035	2499-C	2-1660
2267	1-1226	2326	1-1239	2385	1-1818	2444	2-1036	2499-D	2-1661
2268	1-1174	2327	1-1312	2386	1-1819	2445	2-957	2499-E	2-1662
2269	1-1164	2328	1-1240	2387	1-1781	2446	2-987	2499-F	2-1663
2270	1-1147	2329	1-1248	2388	1-1965	2447	2-958	2499-G	2-1664
2271	1-1121	2330	1-1257	2389	1-1938	2448	2-977	2499-H	2-1665
2272	1-1102	2331	1-1251	2390	2-72	2449	2-935	2499-I	2-1666
2273	1-1148	2332	1-1252	2391	2-45	2450	2-1016	2500	2-1474
2274	1-1165	2333	1-1515	2392	2-321	2451	2-988	2501	2-1436
2275	1-1166	2334	1-1420	2393	2-147	2452	2-1037	2502	2-1385
2276	1-1093	2335	1-1378	2394	2-352	2453	2-1018	2503	2-1333
2277	1-1195	2336	1-1431	2395	2-247	2454	2-1031	2504	2-1437
2278	1-1114	2337	1-1406	2396	2-179	2455	2-1034	2505	2-1475
2279	1-1141	2338	1-1395	2397	2-180	2456	2-952	2506	2-1378
2280	1-1094	2339	1-1407	2398	2-353	2457	2-1038	2507	2-1334
2281	1-1167	2340	1-1631	2399	2-181	2458	2-936	2508	2-1413
2282	1-1227	2341	1-1632	2400	2-73	2459	2-989	2509	2-1476
2283	1-1095	2342	1-1719	2401	2-125	2460	2-1161	2510	2-1490
2284	1-1149	2343	1-1633	2402	2-89	2461	2-1124	2511	2-1477
2285	1-1208	2344	1-1634	2403	2-282	2462	2-1085	2512	2-1450
2286	1-1150	2345	1-1543	2404	2-166	2463	2-1098	2513	2-1478
2287	1-1169	2346	1-1698	2405	2-368	2464	2-1079	2514	2-1386
2288	1-1228	2347	1-1699	2406	2-167	2465	2-1086	2515	2-1491
2289	1-1229	2348	1-1528	2407	2-248	2466	2-1099	2516	2-1335
2290	1-1188	2349	1-1743	2408	2-168	2467	2-1162	2517	2-1479
2291	1-1142	2350	1-1720	2409	2-354	2468	2-1129	2518	2-1480
2292	1-1168	2351	1-1721	2410	2-182	2469	2-1130	2519	2-1481
2293	1-1213	2352	1-1635	2411	2-249	2470	2-1087	2520	2-1373
2294	1-1284	2353	1-1646	2412	2-74	2471	2-1045	2521	2-1482
2295	1-1310	2354	1-1600	2413	2-355	2472	2-1235	2522	2-1336
2296	1-1292	2355	1-1601	2414	2-419	2473	2-1292	2523	2-1492
2297	1-1270	2356	1-1533	2415	2-523	2474	2-1186	2524	2-1448
2298	1-1271	2357	1-1647	2416	2-524	2475	2-1236	2525	2-1483
2299	1-1250	2358	1-1534	2417	2-525	2476	2-1179	2526	2-1484
2300	1-1316	2359	1-1636	2418	2-526	2477	2-1180	2527	2-1485
2301	1-1360	2360	1-1744	2419	2-617	2478	2-1301	2528	2-1486
2302	1-1361	2361	1-1733	2420	2-618	2479	2-1221	2529	2-1487
2303	1-1237	2362	1-1597	2421	2-619	2480	2-1207	2530	2-1701
2304	1-1307	2363	1-1637	2422	2-568	2481	2-1208	2530-A	2-1702
2305	1-1260	2364	1-1648	2423	2-391	2482	2-1341	2530-B	2-1703
2306	1-1277	2365	1-1549	2424	2-486	2483	2-1326	2530-C	2-1704
2307	1-1362	2366	1-1745	2425	2-527	2484	2-1383	2530-D	2-1705
2308	1-1305	2367	1-1649	2426	2-511	2485	2-1384	2530-E	2-1706
2309	1-1363	2368	1-1638	2427	2-469	2486	2-1470	2530-F	2-1707
2310	1-1272	2369	1-1856	2428	2-406	2487	2-1433	2530-G	2-1708
2311	1-1364	2370	1-1789	2429	2-430	2488	2-1342	2530-H	2-1709
2312	1-1365	2371	1-1857	2430	2-586	2489	2-1471	2530-I	2-1710
2313	1-1366	2372	1-1765	2431	2-657	2490	2-1435	2530-J	2-1711
2314	1-1367	2373	1-1892	2432	2-395	2491	2-1343	2531	2-1712
2315	1-1264	2374	1-1858	2433	2-493	2492	2-1488	2531-A	2-1713

DECLASSIFIED DOCUMENTS CUMULATIVE LOCATION LIST

Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number	Document Number AECD	NSA Abstract Number
2531-B	2-1714	2552-D	2-1531	2576	2-2117	2627	3-761	2678	3-1358
2531-C	2-1715	2552-E	2-1532	2577	2-2180	2628	3-677	2679	3-1361
2531-D	2-1716	2553	2-1582	2578	2-2194	2629	3-628	2680	3-1346
2532	2-1622	2554	2-1533	2579	2-2148	2630	3-681	2681	3-1536
2533	2-1596	2555	2-1739	2580	2-2080	2631	3-682	2682	3-1547
2534	2-1613	2556	2-1534	2581	2-2240	2632	3-629	2683	3-1557
2535	2-1631	2556-A	2-1535	2582	2-2085	2633	3-762	2684	3-1548
2536	2-1632	2556-B	2-1536	2583	2-2224	2634	3-796	2685	3-1549
2537	2-1741	2556-C	2-1537	2584	2-2089	2635	3-748	2686	3-1558
2538	2-1597	2556-D	2-1538	2585	2-2195	2636	3-873	2687	3-1545
2539	2-1614	2556-E	2-1539	2586	2-2239	2637	3-874	2688	3-1546
2540	2-1717	2556-F	2-1540	2587	2-2241	2638	3-785	2689	3-1550
2541	2-1742	2556-G	2-1541	2588	2-2242	2639	3-696	2690	3-1551
2542	2-1633	2556-H	2-1542	2589	2-2110	2640	3-683	2691	3-1552
2543	2-1736	2557	2-1837	2590	3-157	2641	3-1147	2692	3-1537
2544	2-1737	2558	2-1864	2591	3-15	2642	3-1129	2693	3-1553
2545	2-1738	2559	2-1868	2592	3-16	2643	3-1106	2694	3-1554
2546	2-1623	2559-A	2-1869	2593	3-17	2644	3-1107	2695	3-1555
2547	2-1667	2559-B	2-1870	2594	3-142	2645	3-1108	2696	3-1538
2548	2-1668	2559-C	2-1871	2595	3-2	2646	3-1089	2697	3-1603
2548-A	2-1669	2559-D	2-1872	2596	3-3	2647	3-1100	2698	3-1604
2548-B	2-1670	2559-E	2-1873	2597	3-160	2648	3-1160	2699	3-1585
2548-C	2-1671	2559-F	2-1874	2598	3-106	2649	3-1131	2700	3-1559
2548-D	2-1672	2559-G	2-1875	2599	3-75	2650	3-1130	2701	3-1656
2548-E	2-1673	2559-H	2-1876	2600	3-76	2651	3-1047	2702	3-2290
2548-F	2-1674	2559-I	2-1877	2601	3-77	2652	3-1101	2703	3-2126
2548-G	2-1675	2559-J	2-1878	2602	3-78	2653	3-1102	2704	3-2156
2549	2-1518	2559-K	2-1879	2603	3-79	2654	3-1090	2705	3-2236
2549-A	2-1519	2559-L	2-1880	2604	3-80	2655	3-1252	2706	3-2244
2549-B	2-1520	2559-M	2-1881	2605	3-18	2656	3-1723	2707	3-2233
2549-C	2-1521	2560	2-1893	2606	3-107	2657	3-1214	2708	3-2321
2549-D	2-1522	2561	2-2020	2607	3-81	2658	3-1208	2709	3-2041
2549-E	2-1523	2562	2-1923	2608	3-104	2659	3-1210	2710	3-2131
2549-F	2-1524	2563	2-2046	2609	3-105	2660	3-1195	2711	3-2089
2549-G	2-1525	2564	2-2061	2610	3-131	2661	3-1349	2712	3-2154
2549-H	2-1526	2565	2-1897	2611	3-172	2662	3-1196	2713	3-2157
2550	2-1676	2566	2-1887	2612	3-82	2663	3-1168	2714	3-2132
2550-A	2-1677	2567	2-1962	2613	3-19	2664	3-1253	2715	3-2245
2550-B	2-1678	2567-A	2-1963	2614	3-4	2665	3-1198	2716	3-2158
2550-C	2-1679	2567-B	2-1964	2615	3-143	2666	3-1382	2717	3-2177
2550-D	2-1680	2567-C	2-1965	2616	3-90	2667	3-1671	2718	3-2142
2550-E	2-1681	2567-D	2-1966	2617	3-83	2668	3-1248	2719	3-2170
2550-F	2-1682	2567-E	2-1967	2618	3-84	2669	3-1207	2720	3-2287
2550-G	2-1683	2567-F	2-1968	2619	3-747	2670	3-1336	2721	3-2229
2551	2-1684	2568	2-2003	2620	3-627	2671	3-1344	2722	3-2322
2551-A	2-1685	2569	2-1882	2621	3-523	2672	3-1356	2723	3-2291
2551-B	2-1686	2570	2-1987	2622	3-784	2673	3-1357	2724	3-2159
2551-C	2-1687	2571	2-1988	2623	3-679	2674	3-1337	2725	3-2246
2552	2-1527	2572	2-2059	2624	3-680	2675	3-1391	2726	3-2178
2552-A	2-1528	2573	2-1995	2625	3-759	2676	3-1333	2727	3-2179
2552-B	2-1529	2574	2-1989	2626	3-760	2677	3-1350	2728	3-2160
2552-C	2-1530	2575	2-2060						

Cumulative Numerical Index to Abstracts of U. S. A. E. C. Unclassified Documents

Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number
1	1-1529	48	2-658	93	2-1055	140	2-1328	187	2-2000
2	1-1550	49	2-542	94	2-1046	141	2-1457	188	2-1888
3	1-1551	50	2-570	95	2-1150	142	2-1389	189	2-1894
4	1-1570	51	2-664	96	2-1217	143	2-1402	190	2-1976
5	1-1587	52	2-648	97	2-1218	144	2-1403	191	2-1977
6	1-1602	52-addendum	2-1282	98	2-1219	145	2-1494	192	2-1895
7	1-1760			99	2-1220	146	2-1329	193	2-2004
8	1-1767	53	2-531	100	2-1242	147	2-1330	194	2-1926
9	1-1775	54	2-373	101	2-1225	148	2-1337	195	2-1990
10	1-1782	55	2-412	102	2-1262	149	2-1434	196	2-1954
11	1-1790	56	2-1019	103	2-1165	150	2-1338	197	2-2111
12	1-1805	57	2-899	104	2-1183	151	2-1624	198	2-2112
13	1-1827	58	2-978	105	2-1263	152	2-1547	199	2-2125
14	1-1838	59	2-959	106	2-1302	153	2-1743	200	2-2160
15	1-1867	60	2-960	107	2-1264	154	2-1512	201	2-2113
16	1-1869	61	2-937	108	2-1175	155	2-1497	202	2-2123
17	2-23	62	2-961	109	2-1234	156	2-1598	203	2-2126
18	2-46	63	2-916	110	2-1184	157	2-1615	204	2-2118
19	2-50	64	2-1020	111	2-1244	158	2-1616	205	2-2108
20	2-51	65	2-1021	112	2-1176	159	2-1634	206	2-2114
21	2-55	66	2-990	113	2-1293	160	2-1506	207	3-394
22	2-139	67	2-962	114	2-1294	161	2-1718	208	2-2086
23	2-148	68	2-900	115	2-1265	162	2-1635	209	2-2243
24	2-149	69	2-991	116	2-1408	163	2-1617	210	2-2225
25	2-169	70	2-942	117	2-1371	164	2-1548	211	2-2196
26	2-183	71	2-963	118	2-1372	165	2-1513	212	2-2149
27	2-184	72	2-907	119	2-1411	166	2-1636	213	2-2136
28	2-185	73	2-1053	120	2-1405	167	2-1650	214	2-2154
29	2-186	74	2-964	121	2-1344	168	2-1792	215	2-2090
30	2-228	75	2-919	122	2-1449	169	2-1799	216	2-2091
31	2-235	76	2-950	123	2-1438	170	2-1835	217	2-2220
32	2-256	77	2-1022	124	2-1387	171	2-1760	218	2-2081
33	2-314	78	2-983	125	2-1439	172	2-1759	219	2-2155
34	2-471	79	2-965	126	2-1374	173	2-1838	220	3-135
35	2-647	80	2-992	127	2-1388	174	2-1808	221	3-25
36	2-528	81	2-1014	128	2-1414	175	2-1823	222	3-91
37	2-503	82	2-938	129	2-1345	176	2-1809	223	3-154
38	2-407	83	2-1023	130	2-1415	177	2-1852	224	3-85
39	2-513	84	2-1024	131	2-1319	178	2-1761	225	3-20
40	2-529	85	2-908	132	2-1455	179	2-1762	226	3-92
41	2-569	86	2-909	133	2-1327	180	2-1853	227	3-173
42	2-494	87	2-910	134	2-1451	181	2-1819	228	3-86
43	2-679	88	2-947	135	2-1409	182	2-2048	229	3-5
44	2-530	89	2-948	136	2-1456	183	2-2049	230	3-132
45	2-541	90	2-901	137	2-1416	184	2-1924	231	3-6
46	2-514	91	2-893	138	2-1417	185	2-1925	232	3-93
47	2-372	92	2-1002	139	2-1401	186	2-1918	233	3-415

UNCLASSIFIED DOCUMENTS CUMULATIVE LOCATION LIST

Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number
234	3-312	294	3-1049	354	3-1145	419	3-1675	478	3-1879
235	3-300	295	3-657	355	3-1099	420	3-1676	479	3-1886
236	3-309	297	3-662	356	3-1080	421	3-1635	480	3-1955
237	3-283	298	3-526	357	3-1037	422	3-1623	481	3-1866
238	3-425	299	3-534	358	3-1133	423	3-1713	482	3-1887
239	3-196	300	3-658	359	3-1163	424	3-1714	483	3-1987
240	3-197	301	3-1085	360	3-1091	425	3-1636	484	3-1811
241	3-296	302	3-765	361	3-1050	426	3-1659	485	3-1918
242	3-339	303	3-750	362	3-1054	427	3-1660	486	3-1888
243	3-198	304	3-799	363	3-1152	428	3-1661	487	3-1812
244	3-210	305	3-876	364	3-1153	429	3-1662	488	3-1813
245	3-375	306	3-535	365	3-1164	430	3-1663	489	3-1797
246	3-426	307	3-751	366	3-1051	431	3-1735	490	3-1798
247	3-416	308	3-659	367	3-1052	432	3-1741	491	3-1944
248	3-211	309	3-505	368	3-1115	433	3-1624	492	3-1988
249	3-301	310	3-684	369	3-1146	434	3-1625	493	3-1814
250	3-417	311	3-660	370	3-1096	435	3-1727	494	3-1815
251	3-395	312	3-630	372	3-1278	436	3-1637	495	3-1871
252	3-875	313	3-650	373	3-1199	437	3-1667	496	3-1816
253	3-797	314	3-877	374	3-1176	438	3-1651	497	3-1989
254	3-524	315	3-719	375	3-1282	439	3-1638	498	3-1867
256	3-638	316	3-766	376	3-1287	440	3-1701	499	3-1872
257	3-671	317	3-878	377	3-1197	441	3-1668	500	3-1868
258	3-749	318	3-639	378	3-1326	442	3-1669	501	3-1817
259	3-818	319	3-697	380	3-1874	443	3-1742	502	3-1792
260	3-592	320	3-822	381	3-1712	444	3-1743	503	3-1793
261	3-502	321	3-631	382	3-1390	445	3-1744	504	3-2015
262	3-1149	322	3-800	383	3-1654	446	3-1745	505	3-1880
263	3-798	323	3-823	384	3-1515	447	3-1746	506	3-1818
264	3-763	324	3-720	385	3-1725	448	3-1747	507	3-1819
265	3-819	325	3-506	386	3-1541	449	3-1748	508	3-1881
266	3-503	326	3-801	387	3-1223	450	3-1728	509	3-1799
267	3-1048	327	3-767	388	3-1254	451	3-1739	510	3-1794
268	3-593	328	3-768	389	3-1279	452	3-1626	511	3-1945
269	3-504	329	3-527	390	3-1224	453	3-1652	512	3-1946
270	3-1132	330	3-528	391	3-1280	454	3-1672	513	3-1929
271	3-852	331	3-672	393	3-1415	455	3-1749	514	3-1947
272	3-707	332	3-769	394	3-1310	456	3-1647	515	3-2016
273	3-594	333	3-721	395	3-1322	457	3-1750	516	3-2017
274	3-717	334	3-507	396	3-1318	458	3-1665	517	3-2018
275	3-718	335	3-824	397	3-1327	459	3-1751	518	3-1964
276	3-708	336	3-595	398	3-1351	460	3-1752	519	3-1948
277	3-656	337	3-802	399	3-1338	461	3-1666	520	3-1990
278	3-649	338	3-825	400	3-1340	462	3-1729	521	3-1834
279	3-654	339	3-826	401	3-1362	463	3-1935	522	3-1795
280	3-709	340	3-853	402	3-1352	464	3-2013	523	3-1820
281	3-820	341	3-803	403	3-1461	465	3-1943	524	3-1821
282	3-1118	342	3-770	404	3-1392	466	3-1790	525	3-1835
283	3-525	343	3-536	405	3-1319	467	3-1928	526	3-1949
284	3-821	344	3-596	406	3-1321	468	3-1915	527	3-2019
285	3-1150	345	3-632	407	3-1320	469	3-1916	528	3-1822
286	3-1161	346	3-827	408	3-1353	470	3-1917	529	3-1823
287	3-1098	347	3-710	409	3-1605	471	3-1791	530	3-1877
288	3-764	348	3-1124	410	3-1345	472	3-2014	531	3-1824
289	3-1123	349	3-1151	411	3-1462	473	3-1796	532	3-1904
290	3-1244	350	3-1143	412	3-1341	474	3-1884	533	3-1842
291	3-786	351	3-1144	413	3-1323	475	3-1865	534	3-1950
292	3-1162	352	3-1103	416	3-1644	476	3-1885	535	3-1825
293	3-1200	353	3-1036	417	3-1657	477	3-1892	536	3-1899

Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number	Document Number AECU	NSA Abstract Number
537	3-2020	547	3-2278	556	3-2220	565	3-2121	574	3-2316
538	3-1956	548	3-2249	557	3-2136	566	3-2122	575	3-2137
539	3-1826	549	3-2250	558	3-2214	567	3-2295	576	3-2286
540	3-540	550	3-2324	559	3-2325	568	3-2042	577	3-2149
541	3-2213	551	3-2090	560	3-2271	569	3-2043	578	3-2299
542	3-2116	552	3-2091	561	3-2215	570	3-2296	579	3-2133
543	3-2186	553	3-2292	562	3-2234	571	3-2168	580	3-2138
544	3-2323	554	3-2293	563	3-2294	572	3-2117	581	3-2118
545	3-2150	555	3-2169	564	3-2216	573	3-2143	582	3-2048
546	3-2270								

CUMULATIVE AUTHOR INDEX

For each reference the digit preceding the dash is the volume number and digits after the dash are the abstract number.

AAMODT L C
3-1582
ABBOTT J L
1-1955
ABDOU I A
3- 267
ABEL M S
3-2112
ABELSON P H
2- 714 3- 943
ABERS E L
2- 807
ABRAGAM A
2- 631
ABRAHAM B M
1-1219 2-1997 3-2213
ABRAHAM E P
2-2049
ABRAHAMS H J
2- 758
ABRAMOWITZ M
2-1829
ABRAMS R
1- 259 2-2144 3-2076
ACHER F
3- 525 3- 527 3-2136
ACKERMAN H
1-1095
ADAIR F E
3-1533
ADAIR R K
2-2144 3- 764 3-1133 3-1712
ADAM R
3-1524
ADAMIK E R
2-1860
ADAMS D F
1-1787
ADAMS E E
3-2070
ADAMS E N
2-1981
ADAMS G D
1-1665 2- 376 3- 582
ADAMS M A
2- 673 3-1809
ADAMS R V
3- 737
ADAMS S
2- 891
ADAMS W S
2- 614
ADAMSON A W
3-1131
ADDARIO M
3-1920 3-2206
ADDOMS J N
2-2160 3-2168
ADOLF H
2- 266
AEBERSOLD P C
1- 364 2- 866 3- 386 3-1169
AFANASEV B N
2- 654
AGATE J N
1-1538
AGENO M
3-1600 3-1992
AGEYEV N V
1-1577 2- 465
AGEYEVA D L
2- 465
AGOSTINI D
3- 30 3-1548
AGRESS C M
2-2219 3-1072
AHEARN A J
3- 848
AHLGREN N
1-1236
AHLSTROM L
1- 863
AHRENS L
2-1570
AHRENS L H
1- 466 1- 841 1-1594
AHRLAND S
3-2163
AIVAZOV B V
2-1216
AKHIEZER A
1-1639 1-1641 3- 989
AKPINAR S
2-2176
AKULOV N S
2-1812
ALBERMAN K B
3-2124
ALBERS E C
3- 590
ALBERT A
2-1545 3-2053
ALBERT R D
1-1181 1-1475 2- 282 2- 617 2-1131
2-1437 2-2021
ALBOUY G
1-1601 2-2172 3- 844
ALBURGER D E
1- 770 1-1523 2- 848 3- 175 3- 875
3-1471 3-1928 3-2250
ALCOCK N Z
3- 148
ALDEN H S
3- 576
ALDER F
1-1294
ALDINGTON J N
2- 805
ALDRICH L T
1-1024 1-1593 1-1807 2- 498
ALDRICH R A
3- 607
ALDRIDGE W N
2- 931
ALEKSEEV D M
2-1380 3- 974
ALEKSEEVA K I
2-1914
ALEXANDER A S
3- 243
ALEXANDER B H
2-2125
ALEXANDER L
1- 58 1- 431 1- 938 1-1806 2- 324
3-1434
ALEXANDER P
1-1747 2-1044
ALFVEN H
2- 156 2-1564 3- 741
ALGER R S
3-1979 3-2308
ALICATA J E
3- 205
ALIKHANIAN A
1- 443 1-1562 2- 98 2-1201 2-1202
2-1203 3- 758 3-1686 3-1700
ALIKHANOV A
1-1562 2- 98 2-1202 3- 358
ALLAN D L
1-1435 3-1970
ALLAN H R
1- 814 2- 729 3- 791
ALLARD G
1- 690 2- 193 2- 834
ALLCHIN F M
3- 40
ALLEN A C
3- 208
ALLEN A L
3-1701
ALLEN C W
2- 390
ALLEN D L
3-1259
ALLEN G
3-2007
ALLEN J G
1-1314 2- 703 3-1816
ALLEN J S
1- 95 1- 775 1-1119 2- 637 2-1690
ALLEN K A
1-1550
ALLEN K W
2- 540
ALLEN N
3-1907
ALLEN R
1- 136 2-1179 3-2326
ALLEN R P
1- 606 1- 906 1-1095 2-1179 3- 531
3-2041
ALLEN R R
3-1049

ALLEN W F
2- 357
ALLEN-WILLIAMS D J
2-1239 3- 414
ALLEY J C
2- 542
ALLIS W P
3-1425
ALLISON F
2-1154
ALLISON S K
1- 100 1-1221
ALLRED J C
2-1099 3-1115
ALLSOPP C B
1- 603
ALMIN K E
2- 163
ALPER T
2- 29
ALPERT N L
1-1681 2-1233
ALPHER R A
1-1755 2- 497 2- 500 2- 693 2-2074
ALT H L
1- 559
ALTAR W
3-1432
ALTER D
2-1054
ALTER H W
2-1162
ALTHAUS E J
2- 114
ALTMAN D
3-1536
ALTMAN K I
1-1195 1-1733 2- 303 2-1021 2-1022
3-1623
ALTWICKER H
2- 164
ALVAREZ L W
2- 531 2-1265 2-1405 2-1971 3- 876
ALVAREZ R
2- 471 2-1919
ALY S M
3- 450
ALZOFON F
2-2136
AMALDI E
1- 564 2- 773
AMDUR I
2-1051
AMES D F
3- 627 3-1538
AMIS E S
1-1406 2-1919 3- 658
AMLER M H
1-1742
ANDERSON C D
2- 257 2-1768 2-2001 3- 737 3-2193
ANDERSON D A
3-1406
ANDERSON E
1-1086
ANDERSON E C
2-1569
ANDERSON E G
1-1246
ANDERSON E K
2- 705 2- 706
ANDERSON F
3- 336 3-1931
ANDERSON H H
2-1471 3- 267 3- 627 3-1538
ANDERSON H L
2- 244 3- 400 3-1956
ANDERSON J S
3- 959
ANDERSON K
3-2119
ANDERSON R C
3- 324
ANDERSON V E
2-1919 3-1345
ANDERSON W K
1-1790
ANDING R D
3- 656
ANDREW A
1-1503
ANDREW K F
3- 344 3-1870 3-2180
ANDREWS D H
3-1283
ANDREWS H L
1- 794 1-1268 1-1439 2- 795 3- 542
ANDRIEUX J L
3-2161
ANFINSEN C B
2-1460 2-1462 3- 940
ANGER H
1- 419 A
ANGUS J
1-1476 2- 957 2- 968 3- 490 3-1755
3-2309
ANHORN V J
3- 134
ANKER H S
1- 785
ANONSEN S H
1-1070
ANSBACHER F
3- 856
ANSELL G
2- 343
ANTON N
1- 2944
ANTONOV-ROMANOVSKY V V
2-1108
APKARIAN H
3-2169
APKER L
2- 253
APPELL F
2- 422
APPLEYARD R K
2-1239 2-2072 3- 414
APPLEZWEIG N
1-1553
APPLIED RESEARCH LAB
1- 257 1-1948
APPRILL G P
1- 946
APTE A S
1-1158
ARAKI G
1-1026 1-1613 1-1614 2-1965 2-2187
ARCHER H M
1- 403
ARFKEN G B
3-2320
ARGERSINGER W J JR
2-1517
ARGO H V
2- 229 2-1497 2-1615 2-1618 2-2151
ARGONNE NATIONAL LABORATORY
2-1792
ARGYLE A A
3- 902
ARIEL I M
3- 235 3- 935
ARKIN A
2- 396
ARLEY N
1-1340 3- 370
ARMANTROUT C E
3-1365
ARMISTEAD F C
3- 747 3-1147
ARMSTRONG R H
3-1672
ARMSTRONG W
2-1241
ARMSTRONG W D
1-1054 2-1464 3-1084
ARNASON T J
1- 233 1- 901 3-2087
ARNDT U W
2-1421
ARNOLD G P
1- 137 2-1088
ARNOLD J R
2-1569 3-1598
ARNOLD R D
2- 945
ARNOLD R T
3-2137
ARNOLDI R A
3-1034
ARNOTT D G
3-1863
ARON W A
2-1165
ARONOFF S
2-1294 3- 312 3- 631
ARONSZAJN N
2- 609
ARROE O H
3-1960 3-2261
ARROL W J
1- 623 2-1731 3-1802
ASATIANI T
2-1205
ASBURY I
3-1101
ASHAUER S
3-1492
ASHBY W
1- 368
ASHENBURY N J
3- 210 3-2042
ASHKIN J
1- 140 2-1650 3-1257 3-2344
ASHLER F M
3- 515
ASLING C W
3- 524
ASPREY L B
2-1475
ASTROM E
2- 156

ASTWOOD E B
1- 249 1- 875 1-1735 2- 337 2-1029
ATEN A H W JR
1-1192 2-1733 3-1722
ATHANASSIU G
3- 556
ATKINSON F V
3-1022
ATKINSON H B
2- 161
ATKINSON H F
3-2077
ATOMIC ENERGY RESEARCH ESTABLISHMENT
3- 541
ATTERLING H
1-1172 1-1916
AUB J C
1- 380 1- 388 3- 908
AUDRIETH L F
3-1347
AUDUBERT R
3- 355
AUGER P
1-1105 2- 443 2-1769 3- 722 3-1122
AUGHEY H
3- 280
AULUCK F C
3-2037
AUSTERWEIL G
1-1913 2- 720
AUSTIN A E
2-1211
AUSTIN C R
2-1165
AUSTIN V T
3- 582
AVAKYANTS G
1-1642 3-1567
AVERBAKH V L
3-2363
AVERY E E
3- 935
AVERY R
2- 231 2-1981
AVIGNON P
3- 641
AWAPARA J
1-1552
AXEL P
3-2252
AXELRAD A A
3- 53
AXELROD D J
1- 550 1-1389 3-1178 3-1646
AXELROD J
2- 771
AYRES J A
2-1304
AZIMOV S A
2-1559 3-1697

BABAYAN K P
3-1686 3-1700
BABCOCK H W
1- 932
BACH T F
3-1057
BACHER R F
2- 868 2-1947
BACHMAN C H
2-1164
BACLESSE F
1- 21 3- 249 3- 577 3-1858
BACON C G
3- 103
BACON G E
3- 147
BADGER R M
2- 663
BADRICK F E
3-2062
BAENZIGER N C
1- 633 1-1224 1-1367 1-1369 1-1515
2- 353 2-1378 3- 106
BAER E M
3-1353
BAER M
1-1244 3-1173
BAEZ A V
1-1326
BAGAEV V B
1- 709
BAGGE E
1-1230
BAHNER C T
3-2149
BAILEY C
3- 807
BAILY N
1- 747
BAINBRIDGE K T
2- 793 3- 387
BAKER C P
1-1006 1-1160
BAKER C H
2- 581
BAKER R F
3- 981
BAKER W K
3- 13
BAKER W R
1- 673 2- 579 3- 796 3- 799
BAKKEN R
1- 726
BALAKRISHNAN C
1- 950 1-1133
BALDINGER E
1-1127 1-1297 3-2331
BALDRIDGE H D JR
2- 143
BALDWIN E
2- 612
BALDWIN R R
2-2117
BALE W F
1- 503 2-1020 2-1295 3-1797 3-1798
BALFOUR W M
2- 339
BALI T
3-1641
BALL A F
2-1591 3- 596 3-1214
BALL E G
2-1125
BALLANTINE D S
2-1536
BALLARIO C
1- 445 2- 453
BALLENGER H F
1- 398
BALLENTINE R
2-1372 3- 821
BALLIMI R
1- 145
BALLOU N E
2-1305 2-1702 2-1704 2-1705 2-1709
2-1710 2-1711 2-1714 2-1874 2-1881
2-2197 3- 403
BALSEIRO J A
1- 189 3- 483
BAND W
3-1027
BANDOW F
2- 811
BANERJEE B M
2- 199
BANKOWSKI R A
1-1352
BANKS C V
1-1782 1-1785 2-1897 2-2090 3- 28
3-1197
BANKS T E
3- 276
BARADZEI L T
3- 977
BARANOVSKAYA N V
1- 725
BARBARAS G
2-1384
BARBER G R
1-1284
BARBER W C
2-1351
BARBOUR I G
1- 260 1- 994 3-1233 3-1294
BARCHUK I F
3-1030
BARGMANN V
2-1122 3-2352
BARILLET F
1- 767
BARIT I Y
2- 12 2-1100
BARKAS W H
1-1829 2-1915 3- 823
BARKER E C
2- 167 2-2224
BARKER F C
1- 142 2- 895 2-1090
BARKER H A
1- 61 1- 394 1- 396 2- 883 2-1346
3- 69 3- 72 3- 73 3-2140
BARKER P H
3-1243
BARKHATOV A
2- 467
BARLETT H B
1- 909 1- 910
BARLOW J S
1-1324
BARNARD G P
3-1572
BARNES B F
1- 751
BARNES E C
2-2115
BARNES R B
1-1345 2- 468
BARNES S W
2-1993 3- 507 3-1281
BARNES W R
1-1254

BARNETT T B
3- 4
BARNEY A L
2- 747
BARNEY J E
2- 430
BARNOTHY J
1-1458 2- 102 3-1226
BARONDES R D
2-1445 3-1055
BARR J T
3-2149
BARR W E
3- 134
BARRETT C M
2- 341
BARRETT C S
1- 122
BARRETT R
1- 41
BARRON E S G
1- 40 1-1238 2- 49 2-2079 3- 957
3-1514 3-1830 3-1877
BARROW J
3-2079 3-2086
BARRY G T
1- 375
BARRY M C
1- 918
BARSCHALL H H
1-1168 2-1596 2-2144 3- 764 3-1712
BARSS W M
1- 915
BARTELS H J
1- 971
BARTH G
3-1522
BARTHOLOMEW G A
3-1219
BARTLET J C
2- 357
BARTLETT G R
3- 64
BARTOL RESEARCH FOUNDATION
1-1644 1-1915
BARTON J C
2- 84
BARTON W S
2-1243
BARUH J
3-1335
BASHILOV A A
3-1030
BASHKIND W J
2-2193
BASSALI W
3-1954
BASSERMANN C
2- 930
BASSETT L G
3- 75 3-1352 3-1874 3-1880
BASSETT S H
3- 19
BASSHAM J A
1- 618 3-1080
BASSI P
2- 217 2-1912 3-1693
BASU D
3-1710
BATCHELOR R
3-1971
BATTELLE MEMORIAL INSTITUTE
1-1773 1-1619 1-1622 2-1958
BAUD J
3-1529 3-1530
BAUER A J
2- 698
BAUER C A
1- 304 1- 934
BAUER H
3-1618
BAUMHOFF L
2-1257
BAURMASH L
2-2004 2-2114
BAVINK B
3-1784
BAXTER A S
2- 14
BAY Z
1-1651
BAYLES A
3- 63
BAYLY A J
1- 103
BAYRD E D
1-1198
BEACH L A
2- 995
BEACHELL H C
1-1201
BEAMER W H
2- 437
BEAMISH F E
1-1349 2- 357 2- 905
BEARD W C JR
2-2239
BEATTY S V D
1-1109 1-1404
BEAUCHAMP R K
1- 88
BEAUFAIT L J
1-1781
BECK G
1- 653 1-1461 2-1850
BECK J
3-1522
BECKER R
1- 321 3-2033
BECKER R A
2-1404
BECKERLEY J G
3-1253
BEDFORD C F
3- 520
BEECK O
1-1554 3- 315
BEEKMAN W J
3- 815 3- 815 3-1878
BEELER J W
3-2099
BEEMAN W W
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BEER A C
3- 381
BEERS N R
2-1922
BEERS Y
1-1602
BEGHIAN L E
2-1800 3- 833
BEIDUK F M
1-1727
BEIERWALTES W H
3- 567
BEINERT H
2- 336
BELENKII S Z
2-1359
BELINFANTE F J
1-1463 3-1299 3-1494
BELL H
2- 306
BELL L N
1-1568
BELL M E
3-1901
BELL P R
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BELL R E
2- 175 2- 629 2-1143
BELL R M
2-1152
BELL R P
2- 431
BELLMAN R
2-1802
BELOFF A
3- 940
BELOVITSKII G E
2-1424 2-1898 2-1911
BENADE A H
2-2107
BENCH H L
3-1336
BENDER A E
1- 29
BENDER F D
3- 661
BENDER R S
3-1221
BENDICH A
2-1466 2-1764
BENDT P J
3- 143
BENE G J
3-2256
BENEDICT M
1-1146
BENES J
1-1034 2- 286 2- 297
BENESCH R
3-2066
BENESCH R E
3-2066
BENFIELD A E
1-1113
BENINI M
1- 445 2- 453
BENJAMIN E W
3-1597
BENJAMIN L P
3- 219
BENNER S
1-1916
BENNETT A I
2- 209
BENNETT C E
2- 793
BENNETT D G
1-1526
BENNETT F C
2- 590

BENNETT L R
2- 23 3-1635
BENNETT R
3- 596
BENNETT V
3- 596
BENNETT W
1-1931
BENNETT W G
1-1771
BENOIST P
1- 155 1- 594 3- 187
BENSEY F N
2-2240
BENSON A A
1- 618 1-1354 2-1293 3-1080 3-1323
BENTON A
2-1719
BENTZEN F L
1-1167
BENZER S
2- 932
BERARDO R
2- 207
BERESTETSKIY V B
1- 163 3-1757
BEREZIN E
1- 626
BERG W F
2- 966
BERGER A L
2- 54
BERGER M
1- 378 1- 576
BERGHOUT C F
1-1539
BERGIN M J
3- 701
BERGMAN A G
1-1793
BERGMAN H C
2-2219 3-1072
BERGMANN P G
2-1429 3-1768
BERGSTROM I
3-1249 3-1936
BERINGER R
1- 771
BERKE H
1- 749 1-1093
BERKHOVSKAYA I N
1- 343
BERKSON J
1-1062
BERLIE M R
3-2056
BERLIN N I
3- 937
BERNARDINI G
1-1401 2- 740 2-1347
BERNAS R H
2- 510
BERNERT T
3-2052
BERNHARD K
1- 366
BERNHARDT H A
2- 72
BERNSTEIN B
3-2054
BERNSTEIN J
2- 478
BERNSTEIN R B
1-1280 1-1842
BERNSTEIN S
1- 140 2- 166
BERNSTEIN W
2-1372 3- 821
BERRIMAN R W
2- 814
BERRY H W
1-1457
BERTEIN F
1-1830
BERTHELOT A
1- 145 2- 628
BERVEN E G E
3-1847 3-1861
BERYLLIUM CORPORATION
1- 268
BERZON I S
1- 261
BESS L
1- 175
BETHE H A
1- 650 1-1901 2-1959 3- 710 3-1266
3-1459 3-1497
BETOULIERES P
3-2085 3-2107
BETTS A W
1- 887 2-1502
BETTS R H
1- 209 1- 591 1-1961 2- 677
BEVAN A R
3-2009
BEYDON J
1- 202 2- 848
BEYER R T
3-1731
BEYSTER J R
2- 188
BHABHA H J
1- 262 2- 96 2- 830 3-1773
BHAT J V
2- 883
BHATTACHARYA D L
2-1796
BHATTACHARYA P C
1- 440 1- 811
BIANCHI M
3-2105
BIBERMAN L
1- 221 2-1050
BICHEL J
3- 266
BICKERDIKE R L
3- 349
BIEHL A T
2-1356 3-2189
BIERMAN A
3- 411
BIGELEISEN J
1- 216 1-1370 2- 919 3- 94 3- 638
3- 671
BILLAUD P
3-1596
BILLINGTON C
3- 335
BILLUPS J O
2-1451
BINDER D
3-2298
BIOCHEMICAL RESEARCH FOUNDATION
1- 34
BIONDI M A
2-1628
BIRGER N G
2-1558 3-1689
BIRKS L S
3- 380 3- 963 3- 964 3- 965 3-1999
BIRSTEIN S J
3-1651
BISHOP A S
3- 720 3- 823
BISHOP E
3-1539
BISHOP F W
2- 916 3- 749
BISHOP G R
1- 136 3-1468 3-1718
BISHOP O N
3- 28
BISTLINE J A JR
2- 560
BISWAS S
2-1273 2-2198 3- 898 3-1399
BITTER F
3- 311 3-1267
BIZZELL O M
3-2090 3-2091
BJORKLUND R
3- 709 3-2316
BLACHMAN N M
2-1237 3- 800 3- 818
BLACK R F
2-2123 3- 135
BLACKBURN A R
2-1758
BLACKMAN M
2- 195
BLAEDEL W J
3- 406
BLAIR J M
1-1081 2- 377 2- 378 3- 716
BLAIR J S
2-1810
BLAKEMORE F
2- 711
BLAMOUTIER P
2- 861
BLANC D
3-2306
BLANCHMAN N M
1- 597
BLANEY L F
3-2097
BLASER J P
1-1506 3- 493 3- 495
BLATT J M
1- 654 3- 130 3-1264
BLAU M
1- 502 1-1872 2- 963 2-1107 3-1917
BLEAKNEY W
3- 391
BLEARS J
2- 612
BLEDSOE R W
2-1854
BLEEKSMA J
1- 641
BLEULER E
1- 162 1- 988 1-1080 3-2024
BLEWETT J P
3- 802

BLIFFORD I H
2-1639
BLINN H T
3-2297
BLISS R W
3-1841
BLISS W H
1- 778
BLIZARD E P
1-1149 2-1101 2-1411
BLIZZARD R H
2-1763
BLOCH I
1- 987
BLOCH J
1-1866
BLOCHER J M JR
1- 968
BLOCK I
3-2290
BLOCK M A
1-1249
BLOCK M H
2- 703 2- 855 2- 983 3- 5 3- 589
3-1822 3-1842
BLOCK M M
3-1917
BLOECHER F W
1- 969
BLOEMBERGEN N
3-1958
BLOKHINTSEV D I
2-1308
BLOOM M A
1- 16 1-1763 3-1824
BLOOM W
1- 16 1- 38 1-1763
BLOSSER T V
1-1600
BLOUNT H C JR
2-2078 3-1171
BLUE R W
3-1343
BLUM J
3-2234
BLUM P
1- 57 3-2161
BLUMENTHAL G
1- 741 2- 713
BLUMENTHAL H
3-2146
BLUMGART H L
1-1040
BLUMKIN S
2-1919 3- 658 3-1345
BLY C G
3-2067
BOAG J W
2-2157
BOAS W
1- 648
BOBROWSKY A R
1-1517 3-1902
BOCCIARELLI D
2- 773
BOCKELMAN C K
2-2144 3- 764 3-1133 3-1712
BODEN G
3- 250
BODIOU G
3-1159
BODVAN-GRIFFITH C L
2- 484
BOEHM F
2-1669 3- 493 3-1026
BOEHMER H W
3- 381
BOELTER L M K
3-1996
BOGAARDT M
2- 211 3-2315
BOGGILD J K
1- 4 1-1339 1-1916 2-1600 3-2247
BOHLMAN P G
3-2011
BOHM D
1- 522 1-1106 1-1137 2- 510 3-1025
3-1026 3-2030
BOLDRIDGE W F
2-1532 2-1715
BOLLMAN J L
1-1062
BOLOMEY R A
3-1198 3-1207
BOLZ L H
1-1774
BOMBERGER D R
3-1659
BOMKE H A
3-1169
BOND H W
1- 369 1-1397 3- 71
BOND V P
3- 208
BONDELID R O
3-2011
BONET-MAURY P
1- 899 1-1488
BONETTI A
3- 361
BONHAM H
1-1087
BONHAM K
2- 27 2-1888 3- 505
BONNER F
3-1885
BONNER G
1- 606 1-1095 3-1049
BONNER J F JR
2-1264
BONNER N A
1-1962 3- 154
BONNER T W
1- 791 2- 532 2-1392 2-1618
BONNIER G
3- 14
BOOKER D V
3-2335
BOOTH A
3- 587
BOOTH A D
1- 634 3- 652
BOOTH C
1- 41
BOPP C D
2-1415
BOPP F Z
3-1486 3-2369
BORAK J
3- 580
BORELL U
1- 874 1-1510
BORKOWSKI C J
2- 182 3- 442
BORN G I
1-1653
BORN H J
1- 47
BORN M
2- 829 2-1560 2-2016 3- 857 3-1496
3-1777
BOROWITZ S
2- 172 3-2031
BORSELLINO A
1- 186 2- 296
BORSODI L
2- 710
BORSOOK H
3- 606
BORST L B
1- 888 2- 393 2- 635 2- 990 2-1053
2-1879 2-2024
BORUVSKI I B
1- 616
BOSLEY W
1- 675 1-1309
BOSTICK W L
3- 938
BOSWORTH T J
2- 711
BOTHE A E
1-1332
BOTHE W
1- 225 2-1606 3-1579
BOTHWELL F E
2-1927
BOTSZTEJN C
3- 37
BOTTEMA M
3-2315
BOUCHARD J
3-1185
BOUCHEZ R
1-1487 3- 893 3-1664 3-1756
BOUISSIERES G
1- 758
BOULGER F W
3-2178
BOULLE A
2-1042 2-2244
BOURICIUS G M B
3-1221
BOURICIUS W G
2- 4 2-1884
BOURNE G H
1-1489 3- 533
BOURRET J
3- 510
BOURSNELL J C
3- 276
BOUSQUET A G
2-1249
BOUTHILLIER L P
1- 66
BOWDEN L
3- 558
BOWDEN S T
2- 366
BOWE J C
3-1469
BOWEN E J
2-1453

BOWEN V T
3- 592
BOWER J C
2-2171 3-1586
BOWERS J Z
2-1446 2-1452 3- 26
BOWERS W A
2-1228
BOWING H H
3- 254
BOWMAN N
3- 787 3- 788
BOYACK G
2- 876
BOYD G A
1- 335 1- 598 1-1195 2- 303
BOYD G E
1- 299 1- 300 1- 305 1- 519 1- 834
1-1031 2-1031 2-1334
BOYD T A
1-1500
BOYER K
1-1864
BOZEMAN M L
3- 514
BRAASCH N K
2- 38
BRACE P H
1-1548 2-1585 3- 114
BRADEN C H
2- 194 3- 488 3- 489
BRADFIELD R
3-1506
BRADFORD C I
3- 118
BRADFORD W R
2- 6 2- 379
BRADLEY D
2- 896
BRADLEY L C
1-1731
BRADNER H
1-1876 2-1405 3- 720 3- 823
BRADT H L
1- 160 1- 162 1- 628 2- 446 3- 735
3-1230
BRADY E L
2- 1 2-1881 2-1923 2-2241
BRADY L J
1-1745
BRAESTRUP C B
2- 490 2-2037 3- 545
BRAGG J K
1-1157 2-1625 3- 101
BRAIN R T
2- 310
BRAMS W M
3- 32
BRANDT A D
1- 453
BRANSON H
1-1491
BRAR S S
1- 40 1-1121
BRASCH A
2- 709
BRATENAHL A
2- 527
BRAUER A
3-1638
BRAUER R O
3-1840
BRAWNER H P
2- 28
BRECHER G
2- 28 2-1860
BRECKPOT R
2- 683
BREED J
1-1709
BREEZE J E
3-1125
BREIT G
1- 987 1-1746 2- 4 2- 323 2-1884
3-2320
BREMER E
1- 965
BREMNER J W
1- 285 1-1514 2-1224
BRESLOW D S
2- 354
BRETSCHER E
1-1010 2-1987 2-2150
BREUSCH F L
1- 499
BREWER L
1- 831 1-1098 1-1099 1-1284 1-1362
2- 485 3-1349
BRICK I V
1- 23
BRICKER C E
3- 76 3- 77 3- 78 3- 79
BRICKWEDDE F G
1- 213 2-2110
BRIDGE H S
1-1107 1-1804 2-1553
BRIERLY J B
3- 939
BRIGGS G H
2- 728
BRIGGS L J
2- 391
BRIKKER S I
1- 630 2-1366
BRILLOUIN L
1- 532
BRIMLEY R C
3-1088
BRINKLEY T A
3-1594
B I O SUB COMMITTEE
1-1848 1-1898
BRITISH MEDICAL ASSOCIATION
3-1070
BRIT X-RAY AND RADIUM PROTECTION COMM
3- 544
BRITTEN K H V
1- 634
BRIX P
3-1997 3-2153 3-2263
BROBECK W M
1-1664 2- 236
BROCK R L
1- 148
BRODA E
2- 189 2- 292 3-2004
BRODE R B
2-1774 2-2100 3- 736
BRODSKII A I
3- 675 3-2227
BRODY J K
3- 669
BROER L J F
2- 791
BROGREN G
2-1851
BROIDO A
2-1530 3- 90
BROKAW R S
3- 949
BROLLEY J E JR
3-1716
BROMBERG R
3-1996
BROMLEY L A
1-1098 1-1099 1-1284 1-1310 3-1349
BRONIEWSKI A
3-1142 3-1269
BRONSON J F
1- 102 3- 546
BROOKHAVEN NATIONAL LABORATORY
2- 183 2- 256
BROOKS H
1- 287 3- 398 3- 773 3-1135 3-1393
BROOKS L S
2-1623
BROOKS R E
2-1835 3-1636
BROOKS S C
2- 714
BROSER I
2- 547 2- 548 2- 970 2-1250 3- 438
3- 456 3- 851
BROSI A R
2-1667
BROSKY S A
2- 851
BROSSEL J
3-1717
BROSTROM K J
1-1916 2- 293
BROTHERS G B
2- 45
BROUARDEL J
3-2039 3-2040
BROWN A H
2- 665
BROWN B
2- 898 2-1513
BROWN B R
1-1197
BROWN D F
1- 84
BROWN F W III
1- 669 2- 208 3-1441
BROWN G B
2-1466 3-1342
BROWN G E
2- 323
BROWN G P
1-1177
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2-1481
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1- 958 1-1292 1-1699 2- 15 2- 568
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2-2199 3-1748 3-1871
BROWN J
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2-2216
BROWN J H
2- 130

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BRUCE M D
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BRUCE R A
2- 45
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BRUCK H
1-1830
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1-1856 2-1391 2-1799
BRUES A M
1- 35 1- 40 2- 31 2- 43 2-1026
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BRUNA O
2- 302
BRUNINGS J H M
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BRUNSCHWIG A
3-1069
BRUNST V V
3-1509
BRUNTON D C
2-1866 3-1707
BRUSSET H
2-1921
BRUTCHER H
1- 283
BRYAN C E
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BRYAN F A
1-1598 2-2114 3- 536
BRYAN J M
1- 437
BRYNER J S
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BUBE R H
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BUCHANAN J O
3-2277
BUCHSBAUM R
3-1817
BUCK F A M
1-1110
BUCK J H
2-1929 3- 418
BUCK W E
1-1829
BUDINI P
2-1926
BUECHNER W W
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BUGHER J C
3-1194
BUGNARD L
1- 365
BUKA R
1-1040 3-2127
BULASHEVICH YU P
1-1666
BULEY H M
3- 590
BULLARD E C
1-1677
BUNTING H
3-1504
BUNYAN D E
2- 287 3- 162
BURBURY D W P
1-1104
BURCH G E
2-1025 2-1030 2-1468 3- 68 3- 463
3-1081
BURCHAM W E
1-1432 1-1433 3- 790 3- 791 3- 794
3-1416
BURDICK M D
3-1903
BUREAU F
3- 477
BURFENING J
1-1420 2-1198
BURG A
1-1890
BURGER L L
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BURGUS W H
2- 570 2-1521 2-1713 2-1881 2-1893
BURGY M T
2-1390 3-1948
BURHOP E H S
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BURK R E
1-1794
BURKE J E
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1- 702 2- 863 2- 891 2-1718 3-1541
BURKIG J W
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BURN G P
2-2177
BURNETT T H J
3- 223
BURNETT W T JR
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BURR G O
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BURR J G
1- 332 2-1341
BURRIEL-MATTI F
3-1334
BURRILL E A
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BURRIS R H
2- 884 3- 608
BURROUGHS J E
1- 782
BURSON S B
3-2020
BURTON M
1- 196
BURTT B P
1- 562 3- 822 3-1431
BUSCH E
3-1644
BUSCH G W
3- 80
BUSCH L S
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BUSCHKE W
1- 405
BUSH D L
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BUSH F
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BUSH R R
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BUSH W E
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BUSH W M
3-1546
BUTEMENT F D S
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BUTLER C C
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BUTLER G C
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BUTLER T A
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BUTT D K
3-2304
BUU-HOI N P
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BUYERS A G
3-1347
BYATT W J
1-1319 2-1842
BYLER W H
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BYRD C H
2-1897
BYSTROM A
2- 163

CACCIAPUOTI B N
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CADE S
2-1009 3-1862
CADY G H
2- 749 2-1790
CAGIANUT B
2-1787
CAHAN M
1- 10
CAILLAT R
3-1543
CALAMAI G
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CALDECOTT R S
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CALDIROLA P
1- 732 2-1310
CALDWELL J T
1- 766

CALDWELL R L
3-2018 3-2019
CALDWELL W C
3-1032
CALIFORNIA INSTITUTE OF TECHNOLOGY
1-1924
CALIFORNIA UNIVERSITY
1- 30 1-1766 2- 403
CALIFORNIA UNIVERSITY RADIATION LAB
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CALKIN J W
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CALKINS V P
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CALLENDER S T E
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CALVIN M
1- 433 1-1213 1-1354 2- 340 2- 412
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3-1080 3-1323 3-1624 3-2131
CAMERINI U
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CAMERON A E
1-1609 1-1640
CAMERON G H
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CAMP D B
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CAMPBELL C G
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CAMPBELL E C
1- 889 1-1632
CAMPBELL G W
2-1683 2-1874 2-1881
CAMPBELL I E
1- 968 1-1622 3-1113
CAMPBELL W L
1- 733
CANNAN R K
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CANNERI G
2- 65
CANNON C V
2-1968 3-1129
CANTAROW A
1-1739
CANTRIL S T
1-1533
CANTWELL T
1-1587 2- 186
CAPRON P C
2-1138 2-2022
CARD L E
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CARDON B P
1- 394
CARDWELL D W
1-1378
CARHART H W
2-1763
CARLIN J R
3-1933
CARLSON A B
1- 46
CARLSON A J
1- 553
CARLSON B
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CARLSON J G
1-1088 3- 198
CARLSON O N
3-2177
CARMICHAEL H
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CARMODY M G
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CARMODY W R
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CARNEGIE INSTITUTE OF TECHNOLOGY
1- 645 1-1624 1-1625 1-1661 1-1863
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CARO D E
3-1765
CARPENTER F H
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CARPENTER L G
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CARR B C JR
1-1750
CARR G H SR
3- 29
CARR T D
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CARRARA N
2-1432 3- 997
CARRITT J B
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CARROLL C C
2- 688
CARRON M
1-1910
CARRUTHERS C
1- 581
CARTER B
3-1516
CARTER C E
1-1767 2-1853 2-1894 3- 6 3- 93
3-1322
CARTER D S
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CARTER R C
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CARTER R E
3- 712 3-1644
CARTER W W
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CARVER J H
2-2170
CASARETT G W
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CASE J T
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CASE K M
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CASPARI E
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CASSELS J M
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CASSEN B
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3-1318 3-1637
CASSIDY H G
1-1553
CASSIDY J M
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CASTELLAN G W
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CASTLE J
1-1302
CASTLEMAN B
3-1041
CASTO C C
3- 83
CATCHESIDE D G
1- 603
CATLIN J P
3- 118
CATSCH A
2- 34
CAULK R M
3-1075
CAUSSE M
3-1485
CAUSSE R
3-1092
CAVALIERI L F
2-1764
CAVANAGH P E
3-2335
CAYAS G
3-2228
CECCARELLI M
3-1595
CERRILLO M
2-1410
CHACE M J
2-1326
CHACKETT K F
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CHAIKIN S W
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CHAIKOFF I L
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CHAKHURIAN T N
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CHAKRABARTY S K
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CHAMBERLAIN O
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CHAMBERS E L
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CHAMBERS R
2- 714
CHAMBERS W H
1- 773 3-1720
CHAMIE C
1-1021 3-1611
CHAMINADE R
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CHAMORRO A
1- 345
CHAMPAYGNE E F
2- 468
CHAMPION F C
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CHANG C S
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CHANG C S W
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CHANG P
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CHANG T L
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CHANG T S
2-1832

CHANG W Y
1-1925 1-1926 2-2096 3- 723
CHANG-NING C
2- 91
CHANTREL H
2- 681
CHAO C Y
1- 931 2-1355 3-1473
CHAO T P
2- 682
CHAPIN E J
2-1592
CHAPIRO A
3-2135
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1- 354 1-1351 1-1937 2-2217 3- 52
CHAPMAN F M
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CHAPMAN N B
1-1784
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CHARAKHCHAN T N
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CHARLES D R
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CHARLOT G
1-1940
CHARPIE R A
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CHARRIN V
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CHASE H B
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CHASTEL R
1- 505 3- 434 3-1953 3-2313
CHATHAM HOUSE STUDY GROUP
1- 68
CHATLEY H
2-1400
CHATTERJEE S D
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CHATTON P
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CHAUDHRI M
1-1879
CHAUDHRI R M
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CHAUDHURY A K
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CHAUDHURY P K S
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CHEN S C
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CHENG K-C
2-1831 3-1496
CHESLER M D
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CHEW G F
1- 139 1-1434 2-1046 3-1725
CHICAGO UNIVERSITY DEPART OF CHEM
2- 83 3- 704
CHILDS D S JR
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CHING H L
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CHINN H I
1-1956
CHIOTTI P
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CHIOZZOTTO M
3-1600 3-1992
CHODAT F
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CHOLAK J
1-1951
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CHREST C P
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CHRETIEN A
1-1791 3-2162
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CHRISTENSEN E
3-1811
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CHU F H
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CHU L J
2-1943 2-1999 2-2135
CHUBBUCK J B
1- 703 1-1042 1-1715
CHURCH J S
1- 480
CHURCH T G
3- 353
CHUVILO I V
2-1556
CHYNOWETH A G
3-1295
CILENTO G
3- 65
CLAESSON S
1-1553
CLAFFY E W
2-1595
CLAPP R E
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CLARK A
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CLARK A C
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CLARK A F
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CLARK W G
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CLARKE E T
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CLARKE F A
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CLARKE G
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CLARKE R L
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CLARKSON J R
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CLATWORTHY S W
1-1756
CLAUSEN D F
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CLAY J
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CLAYTON H R
1-1730
CLEAVER A V
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CLEAVES H E
2-1742
CLEERE M C
2- 362
CLELAND J G
2-1793
CLELAND M
1- 691 1-1030
CLEMENS V T
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CLEMENTEL E
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CLEMMESEN J
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CLIFFORD A F
1-1201
CLIFFORD J
3- 427
CLUSIUS K
1- 449 3-1938
COATES A C
3-2195
COATES R J
1-1728
COBB J
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COCCHINI L P
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COCCONI G
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COCCONI-TONGIORGI V
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COCHE A
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COCHRAN D
3-1584 3-1723
COCHRAN K W
3-1792 3-1793
COCKCROFT J D
3- 772 3-2181
COCKROFT A L
1-1476 2- 967 2- 968 3- 490 3-1755
3-2309 3-2310
COFFIN C C
3-1804
COFFIN V H
2- 793

COFFMAN D D
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COGGESHALL N D
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COHEN A J
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COHEN B
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COHEN K
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COHEN L
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COHEN S S
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COHEN S T
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COHEN V W
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COHN C
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COHN E C
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COHN W E
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COLBY M Y
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COLBY N C
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COLE J W
2-1891
COLEGATE G T
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COLEY B L
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COLLIE C H
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COLLIER V
2- 23
COLLINGE B
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COLLINS C B
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COLLINS C J
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COLLINS G B
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COLMEIRO J F
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COLTMAN J W
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COLUMBIA UNIVERSITY
1-1650
COMAR C L
1- 713 1- 868 1-1356 2- 344 2- 879
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COMEFORO J E
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CONDON E U
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CONE W V
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CONGER A D
1-1762
CONNICK R E
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CONNOR R D
2-2175
CONVERSI M
3-1237 3-1563 3-1653 3-1684
CONWAY J G
2-2085
CONWELL E
1- 832 1- 833
COOK C S
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2-2023 2-2202 2-2205 3-2332
COOK H L JR
2-1417
COOK J C
2-2210
COOK L G
1-1418
COOK L J
2- 777
COOKE A H
3- 419
COOKE-YARBOROUGH E H
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COOL R L
1- 629 3- 121
COON J H
1- 955 1- 978 2-2124 3-1965 3-2238
COON M J
3-2071
COONROD L G
3- 982
COOPER D
1-1000 3-1381
COOPER F W
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COOPER H J
1-1834
COOPER J A D
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COOPER J N
3- 808
COOPER O
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COOPER P D
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COOPER R I B
1-1677
COOR T
1-1722 1-1926 3- 384 3-2204 3-2281
COPE O
1- 552
COPELAND D E
3-1597
COPELAND M M
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COPP D H
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COPP H
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COPPENS R
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CORBEN H C
1-1472
COREY V B
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CORI C F
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CORI G T
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CORK J M
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CORNATZER W E
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CORNER G W
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CORNET I
1-1846
CORNOG I C
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CORRIGAN K E
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CORSCADEN J A
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CORSI M
1- 561
CORSON E M
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CORTINI G
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CORWIN J F
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CORYELL C D
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2-1677 2-1881 3-1988
COSSLETT V E
1-1413
COSTELLO C J
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COSTER D
1- 143
COSTOLOW W E
3-1059
COSTRELL L
2-2005
COTTIN M
3- 88
COTTINGTON R L
3- 295 3-1094
COTTON A
2- 636
COTTON E
2- 636
COULSON C A
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COURANT E D
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COURRIER R
1- 925 3-1801 3-2069
COVEY E H
2-1976 3- 91
COVEYOU R R
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COVIAN F G
3-2044
COWAN C E
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COWAN C L
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COWAN E W
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COWART W S
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COWEN D
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COWIE D B
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COWING R F
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COWLEY W L
2-2017 3-2972
COX W C
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COYLE M B
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COZZI D
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CRADDOCK C G JR
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CRAGGS J D
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CRAIG L C
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CRAIGHEAD C M
2-1379
CRANBERG L
3-1002
CRANDALL W E
3-2316
CRANE H R
2-1825 2-2167
CRANK J
1- 450
CRANSHAW T E
3-1436 3-2219
CRAVEN C
3-1701
CRAVER L F
2- 858
CRAWFORD A B
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CRAWFORD J A
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CRAWFORD M F
2-2146 3-1408
CREUTZ E
1-1863 2- 575 3-1255
CREVECOEUR E
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CREVELING L G
3-2237
CRILE G JR
2-1007 3- 43 3- 588
CRIST R H
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CRISTOL D S
1-1332
CRITCHFIELD C L
2-1169 3-1602
CRITS G J
1- 87
CROATTO U
3-2139
CROFT A J
2- 611
CROMPTON C E
3-2156
CRONIN T D
3-1840
CRONKITE E P
2- 836 2- 837 2- 838 2-1059 2-1126
2-1127 2-1178 2-1655 2-1656 3- 229
3- 906 3-1043
CRONVICH J A
2-1030 3- 68 3- 463 3-1061
CROSS H C
3- 115
CROSS J H
3- 235
CROSSLAND R S
2- 406
CROUCH M F
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CROUT P D
2-1927
CROUTHAMEL C E
3- 283
CROWLEY J F
1-1092 2-1331 3-1178
CROWTHER J G
1- 599 1-1797
CROXTON F C
1- 214
CROXTON F E
2- 514 2-1242 2-1760 2-1819
CRUIKSHANK A J
1- 139
CRUMRINE K C
2-1423
CSONGER E
1-1894 2-1382
CUER P
2- 966 3- 775 3-1009
CULLWICK E G
1-1306
CULPEPPER W L
3-1066
CUMMING E
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CUNNINGHAM B B
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CUNNINGHAM C W
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CUNNINGHAM J B
1-1850
CUPP M N
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CURCIO R M
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CURIE I
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CURIE M
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CURLING C D
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CURRAH J E
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CURRAN S C
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CURTIS B R
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CURTISS C F
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CURTISS L F
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CUSSON K Y
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CUTHBERTSON E M
2-1326
CUTLER M H
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CYR R R
3-2174
CZYZAK S J
3-1946

DAANE A H
1-1224 2-1043
DABBS J W T
3- 891
DAGOSTINO O
1- 192
DAHL A I
2-1742
DAILEY B P
3-1581 3-1940 3-1942
DAILEY M E
1- 847
DAIN J
3- 805
DAINTON F S
1-1194
DAINTY J
1- 493
DAION M
2-1201 2-1203
DAKE H C
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DALE A B
3- 605
DALE P P
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DALE W M
3- 516 3- 956
DALL W B
2- 349
DALLAPORTA N
2- 95 2- 101 3-2034
DALLEMAGNE M J
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DALLENBACH W
2-1238
DALTON G C J
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DALY J M
2- 44
DAM J R
2-1736 2-1737 2-1738
DAMM G
3- 564
DANCOFF S M
3- 582 3-1258 3-2252
DANFORTH W E
1- 271
DANIEL C
2-1217 2-1218 2-1219
DANIEL R R
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DANIEL W T
3-1669
DANIELS F
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DANIELSON G C
3- 650 3-1032
DANLEY R
2-1327 2-1329
DANS A M
2-1627
DARBY J F
2- 170 3-1959
DARCH W J
2- 366
DARGET R
3-2111

DA RIOS R
2-1627
DARROW K K
1-1381
DAS S
2- 533 2- 624 3-1031
DAS GUPTA K
2- 662
DAS GUPTA N N
1- 9 2-1796
DA SILVA PINTO M
1- 790
DAUBEN C H
3- 649 3-2143
DAUBEN W G
1- 947 2- 878 2-2050 3- 633 3- 941
DAUDEL P
1- 576 1-1487 2- 425 2-2055 3- 102
3-1087 3-1092 3-1756
DAUDEL R
1- 576 1- 694 1-1487 2- 425 2-2055
3-1167 3-1756
DAUDIN A
3-1122
DAUDIN J
1-1105 2- 443 2- 458 2- 734 2- 737
2-1769 3- 128 3- 722 3-1122 3-1566
DAUTZENBERG W
1-1852
DAUVILLIER A
2- 441
DAVENPORT W H JR
1- 914 2- 353
DAVEY C N
2-2168
DAVEY J C
1- 127
DAVID E
3-1985
DAVIDSON A W
2-1517
DAVIDSON J N
1- 382
DAVIDSON M
1-1917
DAVIDSON N R
1- 661 1-1219 2- 889 2-1478 3- 673
3-1212
DAVIDSON R S
2-1027
DAVIDSON W F
1-1525
DAVIDSON W L
1- 195 2-1836 2-2109
DAVIES C W
2- 650
DAVIES J H
3-2204
DAVIES J V
3- 956
DAVIES R H
2-1580
DAVIES T H
1- 547 1-1658 2- 570 2-1234 2-1520
2-1521 2-1522 2-1678 2-1693
DAVIES W T
3- 120
DAVIS D M
3- 534 3- 827
DAVIS E G
2- 120
DAVIS G K
1- 713 3-1833
DAVIS K E
1- 223
DAVIS L JR
1-1889 2-1396 3-1409
DAVIS L E
1-1911
DAVIS R E
1- 177
DAVIS R H
2-1262 3- 427 3- 437 3-2138
DAVIS W C
2- 755
DAVISON P W
2-1609
DAVISON R A
2-1444
DAVSON H
2-2231 3- 519
DAVY N
2- 242
DAVYDOV A S
2-1120
DAY F H
1- 217 1- 219 2- 225 2-1307 3-1079
DAY R A
3-1129
DAYTON B B
2- 277
DAZEY M H
3-2279
DE M L
2-1796
DEAL L J
1- 219
DEAMICIS E
1- 996
DEAN L A
1- 255 2- 333 2-1725
DEAN R S
1-1620
DEARNLEY I H
1- 7
DEAS H D
2-2162
DEASY C L
3- 606
DE AZCONA LOPEZ J M
1-1268
DE BACKER J
2-2215 3-1849
DE BARR A E
1-1521 2- 361
DE BEAUREGARD O C
2-1259 3- 168
DE BENEDETTI S
1- 107 1- 791 1-1149 1-1484 2- 532
2-1101 2-1411 3- 843 3-1463
DEBETHUNE A J
2- 249 2-1998
DE BOER J
1- 188 2-1261
DEBRAINE P
2- 784
DE BROGLIE L
2-1652 2-1833 3-1148 3-1617 3-1762
3-2356
DEBRUYN P L
1- 969 3-1355
DE BRUYN P P H
1- 897 1-1763
DECIUS J C
3-1205
DECOURSEY E
1- 241 3-1839
DE DECKER H C J
2- 730
DE DONDER T
3- 872
DEFELICE J A
1-1872 2- 963
DEGAUDINO M T F
3- 5
DEGEYNDT E
3-1335
DE HEMPTINNE M
2- 872
DEHM J E
2-2235
DEHOFFMANN F
2- 171 2- 528
DEIGEN M F
1-1580
DEITZ V R
1-1553
DE JAGER C
1- 8
DEJUREN J
3- 767 3-2236
DELARIO A J
1-1496
DELAVERGNE L
3-1797
DEL REGATO J A
3- 579 3- 927
DEL ROSARIO L
1- 815
DELTOUR G H
3-1801
DEMARCUS W
2- 372
DEMENT J
1- 489 1- 491 1- 492 2- 519
DEMERS P
1- 136
DEMOREST D J
2- 361
DEMPSTER A J
1- 50 1- 963 1- 982
DEMPSTER E R
3-1996
DEMPSTER R R
1- 309
DENARDI J M
3- 212
DENHAM J S
2-1637
DEN HOED D
2-2213
DENIS F M
3-2256
DENISSE J F
3- 372 3-1122
DENNIS E W
1- 718 3- 275
DENNIS W H
3- 501
DENNY J P
2-1588
DE OYA J C
3-2044

DEPANGHER J
3-1382
DE QUEVEDO J L G
1-1502
DERGUNOV E P
1-1793
DERIBERE M
1-1289
DER MATEOSIAN E
3- 231 3-1964 3-2018 3-2020
DESPAGNAT B
2- 911 3- 767 3-1121
DESSAUER G
1-1114
DESTOUCHES J L
2- 744
DEUTSCH M
1-1442 2- 1 2- 7 2- 288 3- 177
3-2334
DEVALDRE J
3- 210
DEVANEY W A
3- 281
DEVINS J D
1- 198
DEVONS S
2- 13 3-1968 3-2327 3-2328 3-2333
DE VRIES H
1- 143
DE WAAL D M
1-1047 1-1050
DEWET J S
2- 265 2-1430
DEWEY H M
3- 276
DEWITT T W
2- 674 2-1567
DEWOLFF P M
1-1572
DEXTER E W
1-1120
DE YAKIMACH A
1- 422
DIAL J B
2- 166
DIAZ C J
3-2044
DIBELER V H
1-1585 1-1842 2- 504
DI CARLO F J
3-1342
DICKE R H
1-1125
DICKEY J
2- 253
DICKINSON T M
3-2282
DICKINSON W C
3- 780
DICKMAN S
2-2079 3- 957
DIEKE G H
1-1724
DIETRICH J F
2- 471 2-1919
DIETRICH J T
3-1345
DIETZ A A
3-2078
DIETZE T W
3-2282
DIGGS E S
3-1331
DI GIOVANNI H J
1- 641
DILLON B
3- 274
DILWORTH C C
1- 798 3- 361
DINGLE R B
3- 468 3- 486
DINICHERT P
2- 141
DINSMOOR A
1-1264
DION G
3- 520
DION H G
2-2235
DIRAC P A M
1- 187 1-1471 2- 239 3-1764
DIVEN B C
2-1404 3-1397
DIXON F J
1-1696 3-1040
DIXON J K
3- 902
DOAN C A
1- 353 1- 558
DOBBIE L G
3-1973 3-1975 3-1977
DOBRINER K
3- 65
DOBROTIN N
1- 72 1-1563 2-1557
DOBSON E L
1- 43 2-2048
DOBSON R L
1-419-A
DOBYNS B M
1-1358 2-2040
DOCK W
3-1056
DODD R E
2- 678
DODDER D C
2-1168 3-1599 3-1602
DODGEN H W
1-1220
DODSON R W
2- 570 3- 313 3- 672 3-1865 3-2271
DOKRAS V M
2-1380
DOLE M
2-1375
DOLLMAN E M
1-1259 3-1987
DOMANGE L
3-2165
DOMB C
1- 779
DOMINE-BERGES M
2-1042 2-2244
DOMINGUEZ R
3- 530
DONAGHUE W F
2- 964
DONALDSON C D
3-1285
DONALDSON L R
1-1087 2- 27 2-1888
DONLAN C P
1- 348 3- 560 3- 566
DONNELLY A J
2-1058
DONOGHUE J J
3- 814
DONTSOVA E I
3- 958
DOOLEY H H
2-1381
DOOLEY R
1- 903
DORAN E
2- 46
DORFMAN R I
3- 626
DORN J E
1-1846
DORRANCE G M
2-1058
DOSSE J
2-1992
DOUDOROFF M
3-2140
DOUGHERTY C R
1-1323 2- 622
DOUGLAS AIRCRAFT
1-1518 1-1865
DOUGLAS D G
3- 494
DOUGLAS T B
2-1591 3- 696 3-1214
DOULL J
3-1793
DOUNCE A L
1- 46
DOW C H
3-2114
DOW CHEMICAL COMPANY
3- 345 3- 346 3- 347 3- 348
DOWDY A H
1- 24 1-1241 2-1509 3-1038 3-1042
3-1328
DOWNEY H
2- 398
DOWNS W L
1-1095
DOXEY G A
1- 313
DRAGANU M
3- 402
DRAIN L E
3-1003
DRAVNIEKS A
3- 699
DRELL S D
2- 821 3-1258 3-1401
DREYFUS B
1- 665
DREYFUS J C
3-2051
DRIGGERS J C
2-1730
DRISCOLL R L
2-1610 2-1979
DROBKOW A A
1-1770
DROST-HANSEN W
3-1315
DRUKEY D L
3- 807 3-1621
DRUMMOND W A D
3- 253

DUANY N P
3-1843
DUBACH R
1- 390
DUBBS C A
3- 215
DUBOIS K P
3-1792 3-1793
DUBRAUSZKY V
1- 735
DUCKWORTH H E
2-1954 2-2123 3- 135
DUCKWORTH J C
3- 772
DUCOFF H S
1- 40 2-1026
DUDLEY H C
2- 68 3- 217 3- 218 3- 546 3-1177
3-1179 3-1180
DUDLEY R A
2-2040
DUFFIELD R B
2-1404 3- 190 3- 886 3-1397 3-1478
3-1603
DUFRESNE O
2-1700
DUJARDIN I
3- 376 3- 392 3-1126
DUKE ELDER W S
2-2231 3- 619
DULBECCO R
3- 10
DUMOND J W M
1- 6 1-1924 2-1693 2-2165 2-2169
2-2207 3- 188 3- 429
DUMONT C
1-1619
DUMROSE R
3- 525 3- 527 3-2136
DUNBAR D N F
2-2171 3-1586
DUNCAN J F
2-1187 3-1875
DUNCANSON W E
1- 681
DUNLAP E A JR
2- 659
DUNN C G
1- 733
DUNN H W
1-1805 2-2108
DUNN R W
1- 419 2-2082
DUNNER L
1- 267
DUNNING J R
1- 144 3-2289
DUNSTER H J
3-2335
DUPERIER A
2- 116 2-1773
DUPONT DE NEMOURS E I
1-1256 1-1257 1-1617 1-1618 1-1619
DUPUIS T
2-2223 3- 947
DURAND E
3- 858
DURANTON B
1- 334
DURYEE W R
3- 943
DUSHMAN S
2- 685 2-2247 3- 327
DUSTAN C
2-1371 2-2113 3-1500
DUSTIN P JR
3-1532
DUTLI J W
3-2170
DUTOIT C H
3-1628
DU TOIT S J
1- 272
DUTRA F R
2- 48
DUTTON G J
1-1759
DUTTON W L
2- 312
DUVAL C
1- 921 1-1335 1-1336 1-1337 1-1338
2- 358 2- 359 2-2223 3- 325 3- 947
DUVAL T
1- 921 1-1335 1-1336 1-1337 1-1338
2- 358
DU VIGNEAUD V
1- 569 1- 866 1- 867 1-1052 2-1465
DUWEZ P
2- 903 3-1691
DYATKINA M E
1- 65
DYCK A W J
1-1145
DYSON F J
2-1275 3- 868
DYSON J P
2-1111 3- 444

DZHELEPOV B S
3-2027
DZHELEPOV B T
2-1827
DZHELEPOV V S
2-1841
DZIEWIATKOWSKI D D
2-1727 2-1729 2-2052 3-2066
DZIUBA S P
2-1302

EAKIN R E
1-1061
EAKIN R M
2-1858
EAMES R P
1- 942
EASTMAN KODAK COMPANY
1- 338
EASTWOOD L W
2-1221 2-1779 2-1582 2-1583 3-2182
EASTWOOD W F
3-1673
EATEN S E
2- 350
EBERHARD T P
3- 246
EBERLEIN W F
1- 683
EBERT H
1- 399
ECHARD R
2-1317
ECHEISTOVA A I
3-1702
ECKERT A C
2-2240
EDDY C E
2- 645
EDELMAN G M
1- 317
EDELMANN A
3- 502 3- 506
EDEN M
1-1231
EDEN R J
1-1675 3-2348
EDGELL W F
1-1111 1-1590
EDMONDS D G
3- 271
EDSALL J T
3-1729
EDSON M
3-2129
EDWARDS A
2- 797
EDWARDS F C
2-1895 2-2117
EDWARDS H D
2-1918
EDWARDS R F
1- 673 2- 579 3- 796 3- 799 3-1143
EDWARDS R R
1- 547 2- 570 2-1522 2-1661 2-1663
2-1666 2-1716 2-1878 2-1988
EDWARDS V M
2- 406
EFFINGER F
1- 31
EGGEN D T
1- 544
EGGERS D F JR
1-1609
EGGLER C
2-1267
EHLERS F E
2-1931
EHRENBERG W
3- 856
EHRENHAFT F
2- 9
EHRKE L F
1- 199
EICHELBERGER J F
3-1124
EIDINOFF M L
2- 202
EIDUS L K
1-1564 3-1689
EINBINDER H
1-1452 1-1470 3-1487
EISEN H N
3-2058
EISENBUD M
1-1539 2-2113
EISENHART L P
3-1498 3-1882
EISENSTEIN J
2-1603
EKSTEIN H
1- 147
ELBERFELD J
1-1426
ELDER F R
1- 526 3-1424 3-1976

ELDREDGE K R
2- 555 3-1293
ELDRIDGE J A
3- 171
ELIEZER C J
2- 606
ELKIN D C
1- 718 3- 275
ELLER J J
3- 580
ELLER M H
1- 387
ELLER W D
3- 580
ELLINGER F
1- 322 1-1315 2-2019
ELLIOT H
3- 832
ELLIOTT H W
3- 267
ELLIOTT L G
2- 175 2- 629 2-1074 2-1143
ELLIOTT M A
3- 634
ELLIOTT N
1-1076 1-1371 2-1478 2-1542 2-1869
2-1870 2-1871 3- 172 3- 874 3-1354
3-1604
ELLIOTT S B
3-1515
ELLIS F
1- 239 3- 585 3-1846
ELLIS F A
3- 575
ELLIS S G
3-1127
ELLIS W C
2- 162
ELMAN R
2- 666
ELMER R A
1- 975 2-2137
ELMORE W C
1- 948 2- 962 3-2218
ELPHNER I E
1-251
ELSTER S K
3- 909
ELTZHOLTZ D C
2-1059 2-1126 2-1178 3- 906
ELY J O
2- 708 2-1892
EMELEUS H J
1-1357 1-1588 2- 127 2- 431 3- 289
EMELEUS K G
2-2162
EMERY E W
3-1863
EMMERICH W S
3- 174
EMMETT P H
2- 674
EMSLIE A R G
2-1461
ENDICOTT K M
2- 28 2-1860
ENDT P M
1- 105 1- 106
ENGEL L
1-1083 2- 99
ENGEL M
1-1627
ENGELKEMEIR A G
3- 885
ENGELKEMEIR D W
1- 689 2-1478 2-1659 2-1662 2-1713
2-1739 2-1869 2-1872 2-1873 2-1875
2-1881 2-2242 3-1252
ENGELSTAD R B
3-1187
ENGLE E T
3- 8
ENGLISH J A
3-1180
ENLOE C F
1-1247
ENNS T
1-1276
ENTENMAN C
1- 573 2- 878 2-2050 3- 633
EPPSTEIN J S
3-1449
EPSTEIN S
1- 115
EPSTEIN S T
3-1769
ERICKSON K W
2- 948 2-1619 3-1115 3-2270
ERICKSON T C
3- 263
ERIKSON H A
2- 824
ERIKSSON S
2- 266
ERLENMEYER H
3- 598
ERMALA P
1-1027
ERTAUD A
2-1318
ESCHENBRENNER A B
2-1061
ESPARTEIRO J M
1-1377
ESSEN L
2- 254
ESSENBERG J M
2-1324
ESSEX H
3- 299
ESTERMANN I
2-1367 3- 385
ETHERIDGE E
3- 551
ETHERINGTON H
1- 730 3-2287
EVANS A M
3- 261
EVANS D S
1- 830
EVANS E C
2-1494 3-2123
EVANS H B
2-1538
EVANS J
3- 976
EVANS J E
2-1392 2-1618 2-2139
EVANS J S
1-1592
EVANS M
2- 859
EVANS R B
1-1351
EVANS R C
1-1751
EVANS R D
1- 380 1- 388 1- 501 1- 841 1-1937
2-1756
EVANS R W
1-1179
EVANS SIGNAL LABORATORY
3- 809
EVANS T C
1- 348 1- 407 1-1936 2- 404 2- 664
2- 873 2-1507 3- 274
EVANS U R
1- 624
EVELYN K A
1- 468
EVERETT C J
1- 823 1- 824 2-1622
EVERHART G G
2-1596 2-2152
EVERHART J L
2-1567
EVREINOVA I M
1- 630 2-1366
EWALD H
1- 467 2- 506
EWELL G H
3- 241
EWING C T
2- 161 3- 342
EXTERMANN R C
3-2256
EYGES L
2- 10 2- 456 3-1222
EYRING L
2-1467

FABERG A C
1- 231
FACCHINI U
3-1895
FAES M
2-2022 3-2096
FAGER E W
2- 125 2- 665
FAGG L W
2- 233
FAHEY J J
3- 628
FAHLSTROM S
3-1068
FAHY E F
2- 915
FAILLA G
1- 747 1-1597
FAIRBANK H A
1-1024 2- 759 2- 793 3-1250
FAIRBANK W M
2- 793
FAIRBROTHER J A V
1-1972
FALK C E
1-1863 2- 812 3-1255
FALKENHEIM M
1- 715 2- 880 2-1150
FALKOFF D L
3-1475 3-1476
FANO U
3-1459 3-2319

FARABEE L B
2-1863 3-1537
FARAGGI H
1- 169 1-1441 1-1801 2-2172 3- 641
3- 844
FARAGO P S
2- 559
FARLY G M
1- 673 2- 579 3- 801
FARMER E C
1-1656
FARNAND J R
3-2125
FARNSWORTH H E
3- 713
FARR J
2-1384
FARRANT J L
1-1416
FARRAR R L JR
3- 72 2-1790
FARRIS E J
1- 736
FASANO H L
2- 62
FASSEL V A
1- 358 1- 429 1- 851
FATEHALLY R A
3- 163
FAUCHERRE J
2-1163
FAUL H
2- 165 2- 934
FAURE R
1-1694
FAUST E H JR
2-1515
FAUST W R
2-1167
FAUVET J
2-1128
FAWCETT J R
3-2173
FAZZINI T
2- 301
FEARING R B
2- 480
FEARON R E
2-1994 3- 694
FEATHER N
1- 493 1- 986 1-1497 2- 292 2- 319
2- 623 3- 120 3-1165
FEAZEL C E
2- 212
FEDOROV F I
3-2361
FEDRIZZI G
3- 929
FEENBERG E
1- 678 1-1459 2-1092 3- 782 3- 868
3- 991
FEER D B
2-1552 3-1236
FEEZEL R R
1-1600
FEICK G
1-1864
FEIGL F
2- 66
FEIL G H
2-1459 3-1190
FEITELBERG S
1-1512 2- 664 3- 191
FELD B T
1- 140 1-1843 2- 171 2- 529 2-1973
3- 407 3- 765 3- 898
FELDMAN C
1- 52 1-1208 1-1719 2- 321 2- 648
2-1282
FELDMAN I
2-1327 2-1329 3-2160
FELDMAN K
2-2008
FELDMAN L
2- 618 2-2003 3-1742 3-1743 3-1744
3-1746 3-1747
FELDMAN M H
2-1677 2-1678
FELSON B
2- 341
FELTON J S
2- 137
FENTON A G
1-1104 1-1879 2-1105
FENYES I
3-1774
FERKEL R L
3- 515
FERMI E
1-1633 2-1394 2-2103
FERNBACH S
2-1225 2-2142
FERRETTI B
2- 11 2- 105
FERRETTI R J
1-1227 1-1533
FERRI L
3- 929
FERTMAN M B
3- 46
FESHBACH H
2- 263 2- 380 2- 652 2- 978 3-1240
3-2194 3-2268
FESTA C
3- 337
FEUER I
2- 496
FEUER S
1- 480
FEYNMAN R P
1-1688 2- 273 2- 977 3- 469 3-2035
3-2342 3-2367
FIELD E J
3- 939
FIELD J B
2-1434 3- 916
FIELD M
3-1448
FIELD W B
3- 382
FIELDS P
2-1470
FIERZ M
3-2362
FIGARD P
1-1224
FIGGE F H J
1- 244
FILCAKOVA H
3-1611
FILLMORE F L
3-1146
FILOSOFO I
2-2164 3-1693
FINCH C A
3-1325
FINDLAY D
1- 246
FINE J
3-2072 3-2073
FINEMAN P
3- 627 3-1988
FINHOLT A E
2- 77
FINK C G
2-1380
FINK K
1-1507
FINK R M
1-1507 3- 15 3- 16 3- 17 3- 18
FINK R W
3-1310
FINKE W
3-1978
FINKEL M P
1- 40 3-1047 3-1794 3-1815 3-1835
FINKELNBURG W
1- 165 3- 100
FINKELSTEIN R J
2-2015
FINKLE B
2-1540 2-1658 2-1659 2-1660 2-1664
2-1739 3- 874 3-1252
FINKLE R D
2-1530
FINSTON H
2-2241 3-1131
FINZI N S
1- 347 2- 307
FIREMAN E L
2-1137 3- 183
FIRMINHAC R H
1- 638 1- 990
FISCHEL E E
3- 201
FISCHER O F
2- 276
FISCHER R B
1- 264
FISHER J C
1- 967 3-1364
FISHER J K
3- 545
FISHER R W
2-1304
FISHER W J
3-1850
FISHLER M C
3- 208 3- 518
FITCH V
2-1926 3-2293
FITZGERALD P J
2- 664
FLAMM L
2- 599
FLAMMERSFELD V A
2- 302
FLANDERS V E
3-1101
FLEMING R W
1- 46
FLETCHER J C
2- 913

FLEXNER L B
1- 364 1- 917 3- 272 3-1501
FLICK J J
1- 414
FLINT H T
1- 806 2- 598 2-1427
FLOCK E V
1-1062
FLON M
3-1087 3-1092
FLOOD V
3-1514 3-1830 3-1877
FLORIDA C D
2-2168 3-1571 3-2217 3-2299
FLORIN A E
2-1489
FLOWERS B H
3-1449 3-1971
FLOYD J J
2- 635 2- 990 2-2024
FLUGGE S
2- 258
FLUHARTY R G
1- 526 1- 711 1-1063 2- 342 2-2232
3-1325 3-1809
FLUKE D
1-1971
FOGG J K
3- 374
FOK V A
2- 264 2- 790
FOLDY L L
2-1048 3- 129 3-1380
FOLEY H M
1- 800 3- 484
FOLEY R T
3- 324
FONES W S
3- 96
FONTAINE T D
3-1883
FONTANA M G
1-1557 3- 117
FOOTE F W
1-1935 3- 74
FOOTE L R
3-1356
FOOTE M N
3- 918
FORBUSH S E
2-1776
FORD J M
3-2082
FORD W B
3-2300
FORD W L
2-1503
FOREMAN N
2- 664 2-1278 3- 920
FOREMAN W W
3- 284 3-1091
FORRESTAL K N
1-1867
FORRO F JR
2-1890
FORRO M
2- 102
FORSTER H K
2- 913
FORSTER T
3- 100
FORTESCUE R L
2-1816
FOSS M H
1-1661 2- 575 2- 789 2- 802 3-2283
FOSTER J J
2- 414
FOSTER L S
2-1079 3- 756
FOSTER M D
3- 628 3- 681
FOSTER R F
1- 230 1-1087 2- 27 2-1858
FOSTER W E
1- 957
FOSTER W R
2- 902
FOURNET G
1- 727
FOWLER C M
1- 854 2- 285
FOWLER E C
1- 629 3- 121
FOWLER J L
2- 948 2-1235 2-1598 2-1619 3-1115
3-2270
FOWLER P H
2-1068 2-1195 3-1375 3-2204
FOWLER R D
1-1591 3-1283
FOWLER W A
3- 155 3- 774 3-1276 3-1417
FOWLER W B
3- 121
FOWLES G R
3-1404
FOX C C
3-1060
FOX E J
3- 951
FOX M
2- 393 2-1053
FOX R
3- 768
FOX R E
1- 787
FOX W T R
1-1398
FOXWELL G E
2- 702
FRAM H
1- 733
FRANCE O
2-1319
FRANCHETTI S
1- 695 2- 301 3-2354
FRANCHI B
3- 922
FRANCIS G E
1- 395 3- 276
FRANCIS J E JR
1- 107 1- 791 2- 532 3- 843
FRANCK J V
3-2279
FRANCO R R
1- 131
FRANDSEN J P
3-1361
FRANK A
3- 511
FRANK F C
1-1839
FRANK I M
2- 690 2-1353
FRANK N H
2-1095 2-1407 2-1940 2-1945 2-2135
FRANK-KAMENETSKII D A
2-1172
FRANKE W
3-1627
FRANKEL S
1- 133 1- 651
FRANKL J
3- 42
FRANTZ I D JR
1- 377 1-1055
FRANTZ V K
1-1936
FRANZEN W
1- 497 3-1260
FRANZINETTI C
1- 167
FRANZINI T
3-1575
FRAUENFELDER H
1-1279
FRAYHA R
1-1290
FRED M
2-1301 3- 569
FREDELL H
1- 40
FREDERIC J
3- 204
FREDERICKSON A F
1- 940
FREED J H
1- 736 3-1063
FREED S
1- 201
FREEDBERG A S
1-1040 3-2127
FREEDMAN M S
2-1519 2-1739 2-1864 3-1252
FREEDMAN S
3- 706
FREEMAN J M
2- 14 3- 790 3- 794 3-1416
FREEMEN J W
1-1847
FREENY P J
1- 341
FREIDMAN H
1- 108
FREIER G
1-1081 2- 377 2- 378 2-1803 2-2068
3- 716
FREIER P
1- 628 2- 445 2-1903 3- 122
FREIMAN D G
1- 614
FRENCH A P
1- 263 1-1010 2-1882 2-1987 2-2150
FRENCH C B
1- 254
FRENCH C L
1-1070
FRENCH C S
2- 712
FRENCH J B
2-2012
FRENCH J L
3- 459

FRENCH L
1-1738
FRENKEL A W
1- 748
FRENKEL I I
3-1786
FRENKEL J
1- 518
FRENKEL Y I
2-1312
FRENKEL Y T
1- 801
FRENON A
1-1105 2- 443 2-1769 3- 722
FRERICHS R
2- 809
FRETTER W B
2-1909 3- 730 3-1565
FREUD J
2-1056
FREUNDLICH H F
3-1521
FREY S E
3- 660 3-1668
FREYER R H
3- 116
FREYMANN M
2- 680 2- 681 2- 890
FREYMANN R
2- 680
FREYTAG F C
1- 751
FRICKE R E
3- 254 3- 925
FRIED S M
1- 269 1-1833 2- 889 3-1212
FRIEDBERG F
1-1215 2-1858 3-1632
FRIEDEL R A
3- 293 3- 294 3-1893
FRIEDELL M T
3- 614 3- 615
FRIEDENWALD J S
1- 405
FRIEDKIN M
2-1463
FRIEDLAND S S
1-1655
FRIEDLANDER G
1-1016 1-1703 2- 991 3-2025
FRIEDLANDER H N
1-1431
FRIEDMAN F L
3- 785
FRIEDMAN H
2- 556 2-1649 3- 231 3- 380 3- 441
3- 963 3-1006 3-1007 3-1008
FRIEDMAN H L
3-1201
FRIEDMAN L
1-1211 2- 570 3- 654 3-1879 3-1886
FRIEDMAN M
3-1852
FRIEDMAN O M
2-2228
FRIEND W Z
1- 646
FRIES B A
1- 433 3- 312
FRILLEY M
1-1037
FRISH S E
1-1612
FRITTS E L
3-1701
FRITZ N D
2- 56
FROBERG C E
2- 230 3-2339
FROHLICH H
2- 733 2- 781
FROLIK E F
1- 243
FROMAN D
1-1205
FRY A J
2- 430
FRY D W
2- 385 3-1974
FRYBURG G C
3-1556
FRYER M P
2-2216
FUCHS K
1- 651
FUGITT C H
1-1931
FUJIMOTO Y
3- 725
FUKASE M
3-2100
FUKUSHIMA D K
3- 65
FULBRIGHT H W
2- 8
FULKERSON S D
3- 662
FULLER E G
3-1421
FULLER E W
2-1105 3-2021
FULLER F B
3-1906
FULMER E I
3- 300 3- 301
FULTZ S C
1-1930
FUNSTON E S
3-1658
FURBY E
3-1211
FUREY W W
3-1066
FURLONG L R
3- 946
FURMAN N H
1- 880 1- 916 3- 76 3- 77 3- 78
3- 79 3- 82 3- 679
FURRY W H
3- 369 3-1370 3-1456
FURTH J
3- 905 3-1641
FURTH R
2- 449 2-1254

GABBARD J L
1-1406 2- 471 2-1919 3- 296 3- 858
3-1345
GABRIELI E
2- 874
GABRILOVE J L
3- 617
GADD J O JR
3-1729
GADEAU R
1-1285
GAERTTNER E R
3-1290 3-1457 3-1587
GAFFRON H
2- 665
GAGER R M
3-1186
GALANIN A D
1-1659 3-1023
GALE R H
3-1196
GALLAGHER T F
3- 65
GALLOWAY A E
3-1793
GAMERTSFELDER C C
1- 974
GAMOW G A
1-1755 2- 15 3-1778
GANGNES A V
2- 732
GANZ A
2- 75
GAPON E N
2- 64 2- 67 2- 71 2-1896
GAPON T B
2- 64 2- 67 2- 71 2-1896
GARBER R E
3-1089
GARBUNY M
3-1432
GARDEN N B
2-1291
GARDNER D E
2- 753 3-1321
GARDNER E
1- 148 1- 509 1- 659 1-1420 2-1198
2-1255 2-1256
GARDNER J H
3-2265
GARDNER R
3-1508
GARDNER W U
1- 27
GARLICK G F J
3- 163
GARNER C S
1-1962 2-1159 2-1160
GARRETT A B
1- 214
GARRETT C
2- 305 2-1695
GARRETT L M
2- 615
GARRIGUE H
3-2209
GARRISON J B
1-1522
GARRISON W M
1- 332 1- 751 3- 86 3-1659 3-1660
3-1661 3-1662 3-2133
GARROD R I
2- 684 3-1359
GARWICK J
2-1959
GASSER A
2-1850
GASTEIGER E L
3-1585

GASTON E O
1- 40 1- 602 2- 613 2- 703 3- 5
3- 207 3-1822
GASVODA B
2- 49 3-1514 3-1630
GATTANI M L
2- 44
GAUDIN A M
1- 716 1- 969 2- 428 3-1355
GAUL L E
2- 399
GAUVIN H P
3-1008
GAY D M
3- 203
GAYDON A G
1- 858
GEBERT E
3-1868 3-1881
GEDEONOV L I
2-1499 3- 994
GEDRAITIS C
3- 982
GEE E A
1- 280 3-1366
GEERK J
3-1997
GEESCHWIND S
1-1155
GEGER J H
1- 353
GEHENIAU J
2- 832
GEI V V
3-1029 3-1030
GEIB I G
1- 195 2-1836
GEIGER C F
2- 413
GEILING E M K
2- 75
GEISER C R
2-2094
GEISLER A H
2- 118
GELBARD R B
3-1930
GELFAND I M
3-1157
GELLER R F
3-1903
GEMANT A
1- 379 1- 403 2- 676 3- 645 3-2134
GEMMEL J
2- 664
GEMMILL C L
2-1296
GENAUD P E
3- 226 3-2088
GENERAL ELECTRIC CO
1- 766
GENERAL ELECTRIC RESEARCH LAB
1-1663
GEOFFRION C
3- 757 3-2000
GEORGE E P
1-1566 3- 126 3- 976
GEORGESCO M
3- 831
GERASIMOVA R I
3-1700
GERENDAS M
2- 710
GERLING E K
1- 725 3- 894
GERMAN L L
1- 943
GERMESHAUSIN K J
2-1934
GERRITSEN A N
2- 251 2- 252
GESCHICKTER C F
3- 571
GEST H
2-1522 2-1666 2-1878 2-1893 3- 60
GETLER H
2-1466
GETTING I A
1- 511
GEYER J H
1- 556
GEYER R P
3-2061
GHERI H
1- 441 1-1874 3- 164
GHETTI L
1- 45
GHIORSO A
1- 1 1- 835 1-1065 1-1182 1-1316
1-1317 2- 620 2-1144 2-1366 2-1413
2-1436 2-1476 2-1489 2-2031 2-2059
2-2194 3-1751 3-1752
GHORMLEY J A
2-1692
GHOSH A
3-1312
GHOSHAL S
3-1031
GHOSHAL S N
1- 79
GIAO A
3-1980
GIBBEL M I
3- 235
GIBBS M
3- 525 3- 527 3- 528 3-2136
GIBSON J D
2-1918 3- 659 3- 660 3-1668 3-2149
GIBSON J G
1- 380 1- 388 3-1325
GIBSON M
3-2128
GIBSON W M
2- 177 3- 397 3-1262 3-1966
GIER J T
3-1996
GIESE A C
1- 37
GIESEN K
1-1852
GIGUERE P A
2- 663
GILBERT C W
1- 813
GILBERT H L
1- 788
GILE J D
3-1662
GILES N H
1- 229 1- 605
GILL D C
3-2097
GILL P S
1- 69 2-1776
GILLARD J
3-1335
GILLES P W
1- 831 1-1098 1-1099 3-1349
GILLETTE P R
2-1942
GILLETTE R H
3-1206
GILLIAM O R
2-1918 3-1268 3-1407
GILLMAN T
2-1860
GILMAN H
3-2157
GILMONT R
3- 144
GILMOUR M
2-1279
GILPATRICK L O
1-1251 2- 755
GINNINGS D C
2-1591 3- 696 3-1214
GINSBURG N
1-1815
GINZBURG V L
1-1693
GIOVANOZZI M
1- 695
GITTINGS H T
1-1148 1-1635 2- 204 2- 975 2-1497
2-1596 2-2152
GIULOTTO L
2-1398
GLADROW E M
2-1685 2-1686 2-1687
GLASCOCK R
1- 623
GLASER W
1-1605
GLASS F M
2- 184
GLASS P K
3-1176
GLASSER O
2-1007
GLASSER S M
2-2019
GLEDITSCH E
1- 726
GLENDENIN L E
1-1045 1-1233 2-1528 2-1535 2-1537
2-1539 2-1541 2-1671 2-1674 2-1675
2-1677 2-1678 2-1679 2-1680 2-1682
2-1877 2-1881 2-1988 2-2020
GLENN W E
2-1244 3- 846
GLICK C F
2-1051
GLICKMAN M
1- 608
GLOCKER R
2- 894 3- 509 3- 969
GLUCKSMANN A
2- 311 2-1279
GLUECKAUF E
1-1304
GNEVYSHEV M N
2- 389

GODDARD C H
3-2332
GOECKERMANN R H
2-1613 3-1726
GOERTZ R C
3- 748
GOERTZEL G
1- 320 3-2324
GOETHERT B H
2- 593
GOETZENBERGER R L
3- 839
GOFFART G
1-1942
GOFFIN C C
3- 604
GOFMAN J W
1- 60 2-1488 2-1659 2-2084
GOFSTEIN R
3- 612
GOLD L
1-1108 3-1106 3-1107 3-1108
GOLDBECK C G
2-1490
GOLDBERG B
3-2117
GOLDBERG E
1- 958 1-1292 2-2138 3-1871
GOLDBERG L
2- 756
GOLDBERG S
1- 133
GOLDBERGER M L
1- 139 1-1519 2- 176 2-1046 3-1725
GOLDBLATT M
1- 978 3- 394
GOLDBLITH S A
1-1036 3- 954 3-1339
GOLDEN L B
3-1366
GOLDEN S
2-1625
GOLDFEDER A
2-1698
GOLDHABER G
2- 845
GOLDHABER G S
SEE SCHARFF-GOLDHABER G
GOLDHABER M
1- 315 1-1033 1-1703 1-1887 1-1891
2- 631 2- 942 2- 991 3-1964 3-2018
GOLDIE E A G
3-1192
GOLDIN A S
2- 679
GOLDRING L S
2-1923
GOLDSCHEIDER G
2-2211
GOLDSCHMIDT B
2-1493 3-1670
GOLDSCHMIDT CLERMONT Y
1-1158
GOLDSMITH G J
2-1247
GOLDSMITH H H
2- 235 3- 538
GOLDSMITH J H
2- 228
GOLDSMITH M
3-2150
GOLDSMITH S S
1- 975 2-2137
GOLDSTEIN A
2-1739 3-1252
GOLDSTEIN J H
3- 101
GOLDSTEIN L
1-1011 1-1163 1-1167 2- 938 2-1368
2-1977 2-2145
GOLDSTEIN M
2-1387 2-1990
GOLDSTEIN N
1-1857 2- 530
GOLDSWORTHY P D
3-1324
GOLDWATER L J
2-1371 3-1500
GOLIAN S E
2-1206
GOLTZ H L
3-1859
GOMEZ J S
2- 798
GONSER B W
1- 968 2-1589 3- 110 3- 340 3- 350
GONZALEZ T A
3- 518
GOOD W M
1-1632
GOODALE T C
3-1080
GOODELL J P B
1- 700
GOODMAN C
1- 495 2-1173 3- 971
GOODMAN D
1- 699
GOODMAN M R
2-1401
GOODYEAR AIRCRAFT CORP
3-1246
GORANSON E S
1- 374
GORBMAN A
1- 549 3- 200 3-1046
GORBUNOV A N
1-1565 2-1556
GORDON C L
2- 956
GORDON E S
3- 263
GORDON G B
3-1807
GORDON H
2-1405
GORDON M
2- 714 2-1856
GORDON P
2- 511 3-1557 3-1558 3-2179
GORDON R R
2-1209
GORDON W H
3- 68 3-1081
GORDON-SMITH A C
2- 254
GORDY W
1-1453 1-1890 2- 943 2-1918 3- 670
3-1268 3-1271 3-1407 3-1941
GORMAN A E
2-1571 2-2116
GORSKI C H
1-1850
GORSKOV G V
1- 678
GORTER C J
1- 563 2-1397
GOSS C G
1-1867
GOSSICK B R
1-1869
GOSSNER J L
3-1117
GOTTARDI M T
1-1394
GOTTE H
2-2092
GOUBEAU J
3- 100
GOUDSMIT S A
1-1139 2- 214 2- 959
GOUIN J
3- 559
GOULD R G
2-1460 2-1462 3- 61
GOVAERTS J
1- 575 1- 864 2-2053 3-1825
GOVE H E
2-2119
GOW J D
3-1146
GOWARD F K
3- 785 2- 951 3- 805 3-1275 3-1422
GRACE M A
2- 374 3-2326
GRAF T
1-1410 1-1481 1-1822 2-1209
GRAFFUNDER W
3- 996
GRAHAM A F
3- 625
GRAHAM R L
3-1607
GRAND J A
2- 161
GRANT P J
2-2221 3- 880 3-2023
GRANT W E
2- 366
GRAUER C T
3- 797
GRAUER R C
3- 56
GRAUL E H
1- 745
GRAVER L E
1- 352
GRAVES E
1-1169 3- 394
GRAVES J D
2-1111 3- 437 3- 457 3- 465
GRAY G W
1- 173 3- 123
GRAY J E
1-1854
GRAY L H
1- 234 1- 894 2- 33 3- 516
GRAY W M
2-2146
GRAYDON W
1-1349

GREAT BRITAIN H M STATIONERY OFFICE
3-1642
GREAT BRITAIN MINISTRY OF SUPPLY
1- 111
GREAVES R H
3-1677
GREELEY P W
2- 840
GREEN A E S
2- 262 3-1021 3-2345
GREEN G K
3- 798 3- 802
GREEN G W
3- 806
GREEN H H
2- 711
GREEN H S
3- 475 3- 482 3- 666 3-1496
GREEN J H
3-1889
GREEN L L
1- 493 1-1293 3- 397 3-1262 3-1398
GREENBERG D M
1-1214 1-1215 2- 667 2-1326 2-2230
2-2236 3-1324
GREENFIELD M A
3-1515
GREENFIELD M M
2- 643
GREENIDGE C T
2-1583
GREENING J R
1- 83
GREENLEE R
3-2321
GREENSTEIN J P
1- 26
GREENWOOD H W
2-2130
GREER M A
1-1735
GREGORY B
2-1188 2-1190
GREGORY E D
1-1393
GREGORY M
1- 125
GREINER E S
2- 162
GREISEN K
1- 444 1-1567 2- 538 2-1561 2-1908
2-1910 3- 363 3-2197
GRELE M
2-1821
GREULING E
2-1694
GRIER R S
1- 614 3- 908
GRIESS J C JR
1-1250 2-1345 3- 630
GRIFFIN P M
2-1292 3-1340 3-1541
GRIFFITH A M
1- 759
GRIFFITH B A
2-1274
GRIFFOUL R
2- 463
GRIGOREV V I
2- 692
GRIGOROV N L
1- 631 2-1354 2-1366
GRILLY E R
2- 247 2-1624 2-1996
GRIMALDI F
2- 771 3- 529 3- 682
GRIMES W R
1- 589
GRINBERG A P
1- 275 3- 410 3-1568
GRINSTEIN M
3- 607 3- 620
GRISARD J W
2-1919 3- 296
GRISWALD P H
2- 125
GRIVET P
1-1830
GROEN P
2- 981
GROENDIJK H
1- 143
GROENEWOLD H J
2- 275 2- 833 2-2018
GROETZINGER G
1- 984 2-1813
GRONVOLD F
1- 724 1-1075
GROSHEV L V
2- 690 3-2267
GROSJEAN C
3- 401
GROSS E P
1-1106 3-1025 3-1026
GROSS K A
2- 684 3-1359
GROSS M J
1-1897
GROSSKREUTZ J C
3-1394
GROTENFELT B
3- 985 3-1011
GROTZINGER P W
1-1332
GRUEN D M
2-2069 3-1867
GRUMMITT O
1-1794
GRUMMITT W E
1- 277 2- 169
GRUNEWALD A L
3-1332 3-2120
GRUNLUND J M
1-1322 2-1599 3-1578
GRUNWALD A L
1-1790
GRUSCHOW J
1- 907 2-1337 3-2075
GRYDER J W
3- 313 3- 672 3-2271
GUARDIA V V
1- 179
GUCKER F T JR
2-1577
GUEBEN G
2-1097
GUELKE R
3- 336 3-1931
GUERON J
2- 189 2-1339
GUEST G H
1-1418 1-1837 2- 675 2-1955 2-2057
GUGGENHEIMER K M
1- 401
GUILLOT M
3- 924
GUIMARAES M A
3-1288
GUINDON W G
1- 668
GUINIER A
1- 727 2- 463
GULBRANSEN E A
1-1556 3- 344 3-1870 3-2180
GULDNER W G
1- 926
GULLBERG M E
1- 372 2-2048
GUMP H
2- 28
GUND K
3- 509 3-2285
GUNN J C
1- 808
GUPTA K K
3- 861
GUPTA S
3-1016
GUPTA S N
3- 471
GUREVICH I I
3-1686 3-1700
GUREVICH L M
1- 182
GUREVITCH M
2-1612 3-1141
GUREWITSCH A M
3-1976
GURIN S
3-1808 3-2071
GURINSKY D H
2- 393 2-1053
GURLAND J
1- 968
GURNEY R
2- 935
GURTNER P
1- 545
GUSBERG S B
3- 566
GUSEV L N
1-1577
GUSTAFSON J K
3-1680
GUSTAFSSON A
1- 408
GUSTISON R A
2- 72
GUTH E
1-1445 1-1485 1-1486 3-1277 3-1580
GUTHRIE A
2- 368
GUTMANN H R
3- 647
GUTOWSKY H S
1-1888 2- 780
GUY J
3-1613
GUYTON J S
2-1147
GUZMAN L
3-1182

GWINN H R
2- 147 2-1212
GWINN W D
1-1950
GYORGY P
2-2237 3- 621

HAAGEN-SMIT A J
3- 606
HAAGENSEN C D
3- 238
HAAS D L
3-1124
HAAS V A
3- 312 3-1080
HABER A
2-1511
HABER-SCHAIM U
1-1467
HACHENBERG O
2- 588
HADEN W D JR
3- 568
HADLEY J
1-1634 2-1226
HAENNY C
1-1643
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1-1605 2-2108
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1-1183 1-1316
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HAISSINSKY H
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HAISSINSKY M
1-1021 2- 300 3- 88 3- 641 3- 663
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HAIST R E
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HALBAN H H
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3-1718 3-2326
HALBERSTAEDTER L
1- 739
HALDAR B C
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3-1054
HALG W
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2-1816
HALL R H
2- 716 3-2042
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HALL W H
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HALPERN I
1- 288 3-1274

HALPERN J
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HALPERN O
2-1498
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2- 354 2-1472
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3- 765 3-2017
HAMERMESH M
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HAMILL W H
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HAMILTON A
1-1540
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2-1545 3-2053
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2-1115 2-1116
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HAMILTON J G
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2- 247 2-1996
HAMMER F E
3- 715
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2- 37 3-1083
HAMMERSTEN E
3-2076
HAMMOND M
3-1382
HAMMOND R P
3-2089
HAMRICK N T
2- 769
HANFLING S L
3- 39
HANLEY T E
1- 110
HANNA G C
1-1023 2-1811 2-1826 2-1839 2-1866
3- 455
HANNA R C
1- 168
HANNA S S
3- 895 3-1608
HANNI H
1-1308
HANS J
3- 993
HANSBOROUGH L A
1-1491
HANSELL C W
2- 237
HANSEN C A JR
3-1584 3-1723
HANSEN G
1-1344
HANSEN J L
3-1396
HANSEN R S
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3-1397
HANSSON L
3-2241
HARALDSEN H
1- 724
HARBOTTLE G
3-1865
HARDIN W B
2- 111
HARDING G N
1-1930 3-1449
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HARDWICK T J
1- 207
HARDY D R
3-1934
HARDY H L
3-2043
HARDY J D
3- 65
HARDY R C
3- 295 3-1094
HARE H F
3- 31
HARFENIST M
2-1158
HARISH-CHANDRA
1-1681 2- 819

HARKINS W D
3-1957
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HARPER K R
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HARR J A
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2-1012 2-1595 3-1972
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2-1618 3- 328
HARRIS L
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HARRIS P S
2-1572
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3-1945
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HARRIS W W
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2-1743
HARRISON W N
1-1772 1-1774
HARROLD T
3- 551
HART R G
3-2148
HARTING J
1- 869
HARTLEY G A R
3- 378
HARTMAN P
3- 862
HARTMAN W A
2-2112
HARTOG H D
3-1994
HARTSOUGH W
1-1656 2-1391 2-1547 2-1783
HARVARD UNIVERSITY NUCLEAR LAB
1-1660
HARVEY B G
1- 208 1-1961 2- 677
HARVEY C E
1- 257
HARWOOD J J
1- 381
HARWOOD M
2-1928
HASHIMOTO K
3-1247
HASLAM R N H
3-1972 3-2330
HASLER M F
1-1505
HASSETT C C
3-1193
HASSID W Z
1- 61 3-2140
HASTED J B
1-1816 2- 203
HASTERLIK R J
3-1795
HASTINGS A B
2-1460 2-1462 3- 61 3- 509 3- 944
3-1504 3-1628
HASTINGS C
1-1518
HATCHER R D
3-2320
HATFIELD T N
2-1171
HATTON J
3-1420
HAUK V
2- 119
HAUSCHILDT J D
3-1172
HAUTET A
2- 966
HAVAS P
1-1466
HAVEN F L
2- 406 3-2047
HAVENS W W JR
1- 144 2- 523 2- 524 2- 525 2- 526
2-1065 2-1807
HAVERCROFT W
3- 430
HAVILL J
2-1327 3-2160
HAWKINGS R C
1-1321 3- 454 3- 496 3-1314 3-1444
HAWKINS M B
3-1089
HAWKINSON V
3- 607
HAWORTH L J
2- 257 3- 802
HAXEL O
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HAYAKAWA S
3- 360 3- 362 3- 365
HAYASHI C
3-1247
HAYDEN B
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3- 149 3-1935
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HAYNES S K
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HAYS L
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HAYWARD E
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HEAD J R
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HEAL H G
2-1746 2-1748
HEAP R
1-1784
HEATH P
3-1853
HECHENBLEIKNER I
2- 479
HEDGRAN A
1-1034 2- 286 2- 297 2-1268 3- 177
3-1936 3-2334
HEDLUND S
2-2051
HEE A
1-1855 3-1913
HEEREMA N
2-1217
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2-2048 2-2049
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1-1151
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2-2028
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HEITLER H
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HEITLER W
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3- 865 3-2341
HELLER D A
3- 524
HELLER E
1- 541
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1-1763
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1-1188 1-1537 2-1390 2-1840
HELLESTAM S
2-2245
HELLIER F F
1-1492
HELLMAN L M
1- 384 3- 272
HELLUND E J
3-1713
HELMER A M C
1-1875 2-1104
HELMHOLZ A C
3- 892
HELMKAMP R W
1- 759
HELSEL R G
2-2014
HEMLER C
2- 185
HEMMENDINGER A
1-1015 2-1497 2-1615 2-1616 2-2151
2-2152 2-2201

HEMPELMANN L H
1- 28 2- 669 2-1023 2-2077 3- 196
3-2097
HENDERSON W J
2- 241
HENDRICKS S B
2- 333 2-1725
HENDRICKSON J R
2-1919
HENNESSY T G
3- 937
HENNY G C
1- 425
HENNY K
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HENRICH L R
1-1171 3-1145
HENRIET L
2- 425
HENRY J A
2-1325
HENSHALL G K
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HERB R G
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HERBAIN M
1- 755
HERBERT R J
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HERBIG G H
2-1751
HERCOCK R J
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HEREFORD F L
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HERMAN P
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1-1755 2- 500 2- 693 2-2074
HERMANSON C A
2- 369
HERNAMAN JOHNSON F
3- 57
HERNANDEZ P
3- 430
HERNDON I
2- 569
HERR W
3-1389
HERRES S A
2- 928
HERSCH G M
3-1047
HERSHKOWITZ J
1- 626
HERTZ S
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HERTZEG C
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HERVE A
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HERZ R H
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HERZOG R
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3-1857
HESS V F
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HESSE R
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HEYDENBURG N P
1- 884 2-2071
HEYDENRYCH J C R
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HEYDT H L
3-1455
HEYMAN F F
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HIBBS R F
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HIBDON C T
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HICKAM W M
3-1251
HICKS H G
1-1277 2- 638 2- 992 2-1014 2-1449
2-1691 2-2220 2-2222 3-1605
HIEGER I
1- 349
HIESTER N K
1-1909
HIGHMAN B J
3-1171
HIGHTOWER J V
2- 57
HIGINBOTHAM N L
3- 558
HIGINBOTHAM W A
3- 819
HILAL O M M
3- 304
HILBERRY N
3- 500
HILDEBRAND R H
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HILL A G
2- 328 2-1723
HILL E L
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HILL J E
2-1608 2-1618
HILL J K
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HILL J M
1- 839 1-1928 2-2221
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HILL R F
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HILL R W
2- 612
HILL W L
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HILLIARD A
1-1776
HILLIER J
2- 257 2- 753 3-1127
HINCKS E P
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HINDMAN J C
1- 1 1- 586 2-1740 3-1208 3-1672
3-2321
HINE G J
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HINE M G N
1-1702 3-2327 3-2328
HINES E
3- 645
HINES H M
3- 904
HINMAN F
3- 233
HINMAN G
2- 575
HINSHAW R A
3-1477
HINTENBERGER H
2- 153 2- 925 3-1388
HIPPLE J A
1- 787 2- 927 2-1610 2-1978 3- 141
HIRSCH P B
1-1751
HIRSCHFELDER J O
3- 817
HIRSCHI H
2-1960
HIRST F
3-1586
HIRT R C
2- 313
HIRZEL O
1-1483 2- 295
HISKEY C F
2-1735
HITCHCOCK C R
2-1726
HITCHCOCK F A
3- 758
HITE E C
2- 52
HO T J
3- 224
HO Z W
1- 225 1- 836
HOAG J B
1- 312
HOAGLAND E J
2-1739 2-1989 3-1252
HOAN N
3-1092
HOCKER K H
2- 112 2- 113 3-1921
HODGE A J
1-1416
HODGE H C
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2-1295 3- 213
HODGE W
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HODGES F J
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HODGSON P E
2-1770
HOECKER F E
2-1102 3- 715 3-1053

HOEKSTRA H R
1- 756 3-1100
HOERNES P
2- 153
HOERNI J
1-1261
HOFFER E S
3-1284
HOFFMAN B G
2-1165
HOFFMAN G L JR
3- 555
HOFFMAN J G
1- 28 1- 609
HOFFMAN J I
2- 364
HOFSTADTER R
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3-1150 3-2317
HOGE H J
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HOGG A R
1-1803
HOGG L
3-1320
HOGNESS J R
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HOGNESS T R
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HOGREBE K
2- 741
HOI B
3-1092
HOKE G R
3- 718
HOLADAY D A
1-1275
HOLDEN A N
2- 327
HOLDEN R B
2- 515
HOLDEN W D
2-1891
HOLE N
1-1034 1-1916 1-1941 2- 206 2- 286
2- 297 3-2253
HOLLAENDER A
1- 26 1-1088 3- 198
HOLLANDER J M
1-1182
HOLLANDER V
3- 599
HOLLENBERG A V
1- 822
HOLLOMAN J H
1- 967
HOLLOWAY M G
1-1006 1-1160
HOLM JENSEN I
3- 266
HOLMBERG B
2-1805
HOLMBERG R W
1- 357
HOLMES A
2-1791
HOLMES B E
3-1640
HOLMES H P
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HOLMES J E R
2-1607 3- 491
HOLMES W A
1-1603
HOLROYD E W
1-1931
HOLT A S
2- 712
HOLT J F
3-2108
HOLTE G
2- 178
HOLTZMAN R H
1- 141
HONIG R E
1- 765
HONKEL R L
3-2214
HONL H
1-1159 3-1490
HONOUR A J
3-1181
HOOD W L
1-1648 2-1531 2-1632 2-1633
HOOGSCHAGEN J
1- 563
HOOGTEIJLING P J
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HOOVER J I
1-1640
HOPF L
1-1175
HOPKE E R
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HOPKINS A C JR
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HOPKINS H H JR
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3-1415
HOPKINS N J
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HOPLY R J
2- 695
HORBST L
3-1528
HOREAU A
1- 925 3-2069
HORN L
2- 930
HORN Z
2- 710
HORNBOSTEL J
1-1259 3- 721
HORNER R P
3- 693
HORNIG D
3- 653
HORNING W
2-1257
HORNYAK W F
1-1323 2- 622 3-1419 3-1995
HOROWITZ J J
1-1424
HORTON G K
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HOSTE J
2- 60
HOTOP W
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HOUGH P V C
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HOURIET A
1- 658 3-1014
HOUSEHOLDER A S
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HOUSER H H
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HOUTERMANS F G
1- 290 2- 632 2-1804 3-1760
HOVORKA J
2- 659
HOVORKA V
1-1968
HOWARTH F
1-1103 1-1116 2-1861 3- 624
HOWARTH J L
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HOWES W E
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HOWLAND J J
2-1033
HOWLAND J W
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HOWTON D R
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HOYAUX M
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HOYER H
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HOYT R C
3- 847
HSIEH C K
3-1628
HSU K N
2-1806
HSUEH C W
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HU N
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HU T M
2-1806 2-2140
HUANG S S
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HUBBARD D M
1-1951
HUBBARD E L
3- 413
HUBER O
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HUBER P
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HUBER W
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HUBERT P
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HUBY R
2- 733 2-1091 3-1225
HUCKEL E
2- 940
HUDDLESTON C M
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HUDGENS J E JR
2- 999
HUDGINS A J
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HUDSON A M
3-2246
HUDSON C M
1- 884

HUDSON D E
1- 95
HUDSPETH E L
1- 271 2- 573 2-2153
HUFF R L
3- 937
HUFFMAN E H
1-1761 3-2132
HUFFMAN J R
1- 228
HUGGILL J A W
3-1364
HUGHES A L
1- 691 1- 953 1-1030 2- 289
HUGHES D J
1- 141 1-1637 1-1857 2- 530 2-1267
2-1390 3-1948
HUGHES D M
1-1789 2-1344
HUGHES H A
2-1845
HUGHES W F JR
2-1696
HUGUENIN R
2-1128
HULL D E
3- 331 3- 960
HULL T E
2- 261
HULSIZER R I
1- 78 2-1780 2-1782
HULTHEN E
1-1916 1-1918
HULTHEN L
2-2186
HUMBEL F
1-1477 1-1478 3- 887
HUMBLE L V
2-1821
HUMBLET J
1- 667
HUME D N
2-1525 2-1532 2-1708 2-1711 2-1715
3- 636
HUME ROTHERY W
1- 282
HUMMON I F JR
3- 614 3- 615
HUMPHREYS E M
2-1321
HUND F
3-1761
HUNDLEY J M
1- 369 3- 71
HUNDLEY J M JR
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HUNT E L
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HUNT M M
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HUNTER D
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HUNTER F T
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HUNTER G T
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HUNTER S W
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HUNTOON R D
3-1433
HUNZINGER W
1-1127
HURFORD W J
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HURLEY C J
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HURST D G
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HURWITZ H JR
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HUSTON J L
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HUTCHESON J A
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3-1888
HUTCHISON C A JR
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HUTCHISON R O
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HUUS T
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HUYSKENS P
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HYDE E K
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3-2249
HYDE R W
2- 350
HYLLERAAS E A
1- 513

ICKOWICZ M
1- 739
ILIFF C E
2-1696
ILLINOIS UNIVERSITY
1-1771 1-1526 2- 80 2- 81 2- 82
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IMBER O
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INFELD L
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INGARDEN R S
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INGHRAM M G
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3-2013 3-2245
INGLIS D R
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3- 895 3-1015
INGRAM M
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INNES G S
3- 755
INNSBRUCK UNIVERSITY
1- 77
INOUE T
3-2205
INSCH G M
3-2310
INSTITUT INTERNATIONALE DE CHIMIE
2-1214
INSTITUTE OF METALS LONDON
1- 282
INTERNATIONAL ALLOYS LTD
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IOFFE E M
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IOWA STATE COLLEGE AMES LAB
1-1782
IOWA STATE MEDICAL SOCIETY
3-1845
IRVINE J W JR
1- 380 1- 470 1- 812 1- 959 3- 688
IRWIN R L B
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ISBELL R A C
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ISE J JR
3- 730
ISHIGAMI R
3-2100
ISHII R
2- 423
ISIGURO E
3-2264
ISOTOPES DIVISION
3- 286 3- 458 3- 462 3- 910 3- 926
3-1650 3-1836
ITTNER W B III
1- 655
IVANENKO D D
1- 529 1- 585 1- 709 1-1686 2- 67
2- 660 2-1431
IVANOV-EMIN B N
2-1081
IVEY H B
2-2218
IVEY H F
1-1907
IZMAILOV S V
1- 669
IZZO A J
3-2067

JACKSON J D
3-1264 3-1460
JACKSON J H
2-1221 3-2182
JACKSON L C
1- 828

JACOB L
2-2120
JACOBI E
2- 426 2- 574 2-1543
JACOBS A
3- 931
JACOBS L E
1-1821
JACOBS M L
3- 251
JACOBSON C A
2- 79
JACOBSON H G M
1-1391
JACOBSON L
1-1184 2- 347 2-1134
JACOBSON L O
1- 14 1- 15 1- 38 1- 40 1- 404
1- 602 1- 613 1-1091 1-1237 1-1314
1-1765 2- 401 2- 613 2- 703 2- 855
2- 983 2-1026 2-1176 3- 5 3- 207
3- 589 3-1822 3-1825 3-1842
JACOX H W
2- 860 2-1011
JACQUES J
1- 925 3-2069
JACQUES R
1- 694
JAFES R I
1- 968
JAFFE A A
1- 950
JAFFE H
3-2054
JAFFEE R I
1-1622 3- 340 3- 967 3-1113
JAFFEY A H
2-1413 2-1473 2-1478 2-2241 3- 873
JAILER J W
3- 617
JAMES H M
1-1570 1-1571
JAMES J C
2- 650
JAMES R A
1-1065 1-1066 1-1068 1-1513 2-1477
2-1480 2-1489
JAMIESON J H
1-1406 3- 296 3-1345
JANKOWSKI F J
3-1949
JANNEY C D
1-1878
JANOSSY L
1- 70 2- 93 2- 738 2-1780 3- 734
3- 738
JAPHA E M
3- 586
JARRETT A A
3-1149
JARVIS G A
2-1497 2-1615 2-1616 2-2151 2-2152
JARVIS J L
3- 915
JASON A C
3- 126
JASZCZYN P
3- 308
JAUCH J M
1-1687 2- 269 2-2188 3- 359 3-2360
JEALOUS A C
2-1016 2-1450
JEAN M
1- 154 1- 694 3-1167
JECH C
3- 543
JEENER R
3- 600
JEFFREYS H
2- 481
JEHLE H
3- 485
JELLEY J V
1-1433 2- 582
JELLINEK M H
3-1206
JEN C K
2- 331
JENG TSONG Y
3- 102 3-1535
JENKINS D W
3-1193
JENKINS F A
1- 831 1- 998 3- 774
JENKINS J F JR
2- 732 3-2212
JENKNER K
3-2004
JENKS G H
2-1692
JENNINGS B
2- 783 3- 409 3-1272 3-2275
JENNINGS W A
1-1200
JENNY L
1- 664
JENSEN D
3- 993
JENSEN E N
1-1150 2- 181 2-1245 3- 877 3-1032
3-1162 3-1479 3-2325
JENSEN J H D
3-1618
JENSEN P
1- 498 2- 949
JEPPSON M R
2-2154 3-1146
JESSE W P
2-2161
JESSUP R S
2-2110
JEUNG N
2- 714
JODREY L H
3- 604 3-1804
JOHANSSON S
3-2022
JOHNS H E
2- 305 2-1695 3-1972 3-2330
JOHNS I B
1-1224 2-1043 2-1304
JOHNSEN S E J
1- 784
JOHNSON A E
1-1587
JOHNSON A L
1- 427 3- 717
JOHNSON C F
3- 334
JOHNSON C Y
2-1206
JOHNSON E L
1-1385
JOHNSON G L
2-1161
JOHNSON J E
1- 873 2-1763
JOHNSON J R
1- 672 2-1300
JOHNSON J W
3-2120
JOHNSON L R
2-1112
JOHNSON M
2- 664
JOHNSON M H
2-1167 3-1110 3-2350
JOHNSON O
2-1043 2-1304 2-1669 2-1670 2-1672
JOHNSON R A
3-1347
JOHNSON R P
1- 360
JOHNSON T H
3- 820
JOHNSON V
1- 553
JOHNSON W E
1- 177
JOHNSTON F
2- 804 2-1272
JOHNSTON H L
1-1415 2- 515
JOHNSTON R F
2-1601
JOHNSTONE C W
3-1152 3-1153
JOLIET-CURIE F
2-1314
JOLIET-CURIE I
1-1032
JOLLES B
2-1006 3- 581
JONES A
2- 279
JONES A R
3-1882
JONES D C
3- 518
JONES D E A
3- 563
JONES D F
2-1060
JONES E
2- 975
JONES E A
2-1207 2-1208 2-2046
JONES G A
3- 27
JONES H B
1- 30 1- 252 1-1216 2- 397 2-2084
JONES H W JR
3- 239
JONES J W
1-1649 3- 576
JONES R A
2- 715
JONES R G
3-2157
JONES R N
3- 65

JONES S B
2- 106 3-1224
JONES W
3-1272
JONES W B JR
1- 989
JONES W J
2- 366
JONES W M
1-1914 2- 469 3-1164 3-2159
JORDAN M L
2- 26
JORDAN W H
1-1640 2-1414
JORNLIN F M
3- 508
JOSHI M D
3- 49
JOST A
3-2068
JOWSEY J R
1- 876 3-1803
JOYET G
1- 98 1-1274 2-2214
JUAREZ A R
2- 828
JUDA W
1-1910
JUDD W C
3-1195
JUNGERMAN J
1- 671 3- 142
JURKIEWICZ L
1- 439
JURNEY E T
1-1927 3-1311
JUSTUS K M
1- 151 2- 627

KABAT E A
3- 201
KAEMPFFER F
3-2036
KAESBERG P
1- 464
KAGAN Y M
1-1612
KAHANE E
3-2167
KAHN D'
2-1813
KAHN H
3- 990
KAISER H F
3- 441 3-1005
KAISER T R
1-1900
KALITINSKY A
1- 729 1-1084 2- 897 3-2038
KALLMANN H
1-1464 1-1465 2- 547 2- 548 2- 970
2-1250 2-1422 2-1651 3- 438 3- 456
3- 828 3- 835 3- 838 3- 842 3- 851
3- 870 3-2303
KALMON B
3-2292
KAMEN M D
1- 568 1- 581 3- 60
KAMP R E
3- 328
KANE E D
3- 385
KANE E O
2-1772
KANEKO K
3-1247
KANT A
2-1304 2-1481
KAPLAN A
1-1352
KAPLAN C
1-1902
KAPLAN H S
1- 27 1-1243 3- 202
KAPLAN I
2- 393 2-1053
KAPLAN I I
1-1384 1-1710 3- 347 3- 549 3-1848
KAPLAN N
3-1711
KAPUSTINSKI A F
1- 622
KAR K C
1-1524
KAR S C
3- 474
KARAMYAN A S
3-1937
KARBE K
2- 78
KARDASH T
3-1331
KARLE I
2- 556
KARLIK B
2-2206

KARLSSON J L
2-1346 3- 73
KARP A
3- 903
KARPLUS R
2-1724 3- 159 3-1765
KARR P R
3-1459
KARRAKER D G
1-1892 2-1077 2-1402
KASHA M
2-2065
KATCOFF S
1- 201 1- 692 1- 975 1-1359 2-1129
2-1130 2-1660 2-1738 2-1963 3-1965
2-1966 2-1967 2-2137 3- 172 3- 874
3-1252
KATO T
3-2345
KATS M L
1-1578
KATSURAI T
1- 448
KATZ J J
2-2089 3- 680 3-1100 3-1671 3-1867
KATZ L
3- 813 3-1972
KATZIN L I
1- 640 1-1073 1-1316 2- 987 2-1741
3-1868 3-1881
KAUFMANN A R
3-1557 3-1558 3-2179
KAUFMANN B P
3-1511
KAUFMANN S G
3-1221
KAUNITZ P E
1-1512
KAWECKI H C
1- 124
KAYAS G
3- 651 3- 893 3-1664
KAYS W M
2- 953 2-1626
KAZARNOVSKII I A
1-1573
KEATING F R JR
1- 845 2- 646 2- 655 3- 36 3- 45
3-2053 3-2113
KEATING R P
3-2048
KEE H E JR
3- 970 3-2008
KEENE J P
2-2069
KEEPIN G R
3-1155 3-2294
KEHOE E J
3-1035
KEIGHLEY G
1- 583 3- 606
KEIGHTON W B
1-1191 1-1706 2-1139 3- 189
KEILHOLTZ G W
3- 701 3-1099 3-2229
KEIM C P
1- 644 2- 148 2- 152 3-2226
KELLAR J N
1-1751
KELLENBERGER E
2- 141
KELLER E B
1-1052 2-1465
KELLER H B
2-2141 3- 864 3-1313 3-1474 3-2338
KELLER J
2-1650
KELLER J M
3- 624 3-1032 3-1924
KELLER K K
1-1202
KELLER R
1-1129
KELLEY E
1-1634
KELLOGG K B
2- 749
KELLS M C
3- 854
KELLY E L
2- 373 2- 947 2-1226 2-1885 2-1991
3-1254
KELLY F J
2- 666
KELLY F M
2-2146
KELLY L S
2-2084
KELLY T
1- 40
KELNER A
2- 707
KELSEY F E
2- 75 3- 443
KELSEY M P
2- 646 3- 45 3-2113

KELSO J W
3-1064
KEMMERICH M
2- 632
KEMP J W
1-1505
KEMP L A W
2-1008
KENNEDY C C
3- 44
KENNEDY E P
1- 389
KENNEDY J W
1- 879 3-2025
KENNEDY R J
2- 6 2- 379 3- 539
KENNEDY T J
3- 254
KENNEL W E
2-2160 3-2168
KENNY A W
2- 234
KENT J W
3- 960
KERLEY T G
3- 582
KERMACK W O
1-1786
KERN B D
1- 327 1- 693 1-1318 3-1317
KERN W P
2-1645
KERNER J A
2-2039
KERNS Q A
1- 673 1-1171 2- 579 3- 796 3- 799
KERR H D
1-1708
KERR N F
2- 505
KERST D W
1-1018 1-1169 3- 582
KERSTEN J A H
3-2172
KERWIN L
2-1078 3- 757
KESTER W O
1-1269 2-1309
KESTON A S
1- 434 3- 282 3-2058
KETELLE B H
3-1465 3-2221
KETY S S
3-1503
KEUFFEL J W
3- 452 3- 461
KEYNES R D
2- 668
KHAN A W
2- 787
KHARITONOV V
2-1201 2-1203
KHENOKH M A
1- 333
KHLOPIN V G
1- 725 3-1653 3-2144
KHOO F Y
1-1741
KHRIMIAN A V
2- 98 2-1202
KHVOLES V A
1- 72 1-1569
KHYM J X
1- 619 2-1529 3-1537
KIEFFER R
1- 971
KIENBERGER C A
2-2243 3- 684
KIKUCHI C
3- 310
KIKUCHI T
3-2098 3-2100 3-2102
KILMISTER C W
3-1499
KILNER S B
1- 212
KILPATRICK J E
1-1462
KILPATRICK M F
1-1462 3-1282
KIMBALL G E
1- 826 1- 827
KIMBALL R F
1-1529 1-1760
KIMELDORF D J
3- 518
KIND A
1- 658 1-1684 3-1014
KINDER E
3- 753
KINELL P O
2- 871
KING D T
1-1156 3-1375
KING E L
2-1462 2-1995
KING E R
1- 455
KING G S
2-2076
KING H H
1-1952
KING J R
2-1944
KING L D P
1-1006 1-1160 1-1167 2-1388 2-2145
KING O C
2- 699
KING R B
1-1210
KING T
3-1009
KINGDON K H
2-1174 2-2148
KINSEY B B
1- 168 2-1132 2-1133 3-1436 3-2219
KINSEY E L
2-1719
KIP A F
2- 945
KIRBY F
3-1357
KIRBY-SMITH J S
2-2046
KIRK M R
1-1353
KIRKPATRICK A F
2- 120
KIRKPATRICK P
1-1326
KIRKWOOD D H W
1-1023 2-1811 2-1826
KIRSCH M
2-1599 3-1578
KIRSCHBAUM A
3-1826
KIRSCHON A
1-1314
KIRSLIS S S
2- 72
KIRSNER J B
2-1321
KIRWAN D P
3-2082
KISIELESKI W
1- 40 2-1530 3-1826
KISSEE V V
3-2296
KISSINGER C W
1-1000
KISTEMAKER J
2-1581
KISTLER K
3-1050 3-1318
KITAIGORODSKI I I
1- 649
KITTEL C
2- 592 2- 982 2-1916
KJELLGREN R F
1- 486
KLECHKOVSKI V M
1- 709
KLEIN D
3- 188
KLEIN J R
3- 594 3- 595
KLEIN O
1- 296 1-1916 2- 17
KLEMA E D
1- 757
KLEMM A
3-1388
KLEMM V A
2- 153 2- 924 2- 925
KLEMPERER W G
1- 77
KLEVENS H B
1-1821
KLIGMAN F I
1-1658
KLINE L
2-1158
KLINKENBERG P F A
1- 859
KLIPP L W
3-1883
KLOEPPER R M
2-1102
KLOKMAN V R
3-1653
KLOOS G
1- 641
KLOTZ I M
1- 393 2-2234
KLUG H P
1- 58 1- 431 1- 936 1-1606 3-1434
KNABLE N
1- 617 3- 767 3-2236
KNIGHT G B
1-1185 2- 294 2- 679 2- 892
KNIGHT J
3- 874

KNIGHT J D
2-1880 2-1968 3- 172 3- 190 3- 886
3-1397 3-1478
KNIGHT W D
3-2259
KNIPP J K
2- 586 3- 983
KNOCH S G
1-1949
KNOERR A W
1- 789
KNOLL M
3- 753
KNOP H W JR
1-1347
KNOPF H
1- 449
KNOWLES A J
1-1133
KNOWLTON N P JR
1- 28 2-2077 3- 196 3-1051 3-1327
3-2097
KNOX W J
1-1186 1-1631 1-1932 2-1393
KNUCHEL H
1- 546
KNYAZEV A
2-1199 3-1698
KOCH C W
2-1472
KOCH D A
3- 553
KOCH G E
3- 457 3- 465
KOCH H W
3- 582 3- 712 3-1585
KOCH J
1-1138 2- 293 3-1315
KOCHENDORFER A
3-1363
KOCKEL B
3-2365
KOCZY F F
3- 695
KOENIGSBERG E
3- 824
KOETS P
2-1444
KOFOED-HANSEN O
1-1424 2- 626 3-1315
KOFSKY I L
1-1022
KOHL W H
3-1104
KOHMAN T P
1- 152 2-1478 3- 627 3- 948 3-1538
3-1988
KOHN H I
1- 893 1- 905
KOHN M
2-1747
KOHN W
2- 388 3-2031
KOLODZIEJSKI R
2- 733
KONDAIAH E
3-2022
KONDRATYEV V N
1- 289 2- 535
KONNEKER W R
3-1463
KONOPINSKI N J
1-1727
KONSTATINOV A
2-1203
KOPFERMANN H
1- 477 1- 506
KOPPE H
2- 914 3-1576 3-1694 3-1740
KOPPENHAVER F B
2-1793
KOPPIUS O G
2- 59 3- 279 3-1086
KORABLEV L N
2-1550
KORBLER J
3- 33 3-1518
KORFF S A
1- 149 1- 312 1-1124 3- 727
KOSEL G E
1- 606 3-1049
KOSKI W S
1-1135 2- 760 3-1296 3-1955
KOSS ROSENQVIST A
2-1982 2-1986 2-2159
KOTEK A
3-1062
KOTHARI D S
3-2037
KOUTS H
3-2030
KOWARSKI L
2- 189
KOZIOL J
1- 750
KOZLOFF L M
1-1508
KRAMER A W
1- 565 2- 21 3- 195
KRAMER J
3-2229
KRAMER P J
3- 597
KRAMER R
3- 578
KRAUS K A
1- 357 2- 352 2-1161 2-1736 2-1737
2-1738
KRAUSE E H
2-1206
KRAYBILL H L
3-2196
KREBS K
1- 291
KREMEN A J
2-1726
KREMENAK B
3- 181
KREMERS H E
3-1894
KRENZ F H
1- 197 2- 278
KRESGE M
2- 23 3-1635
KRETSCHMANN E
3-2357
KRISBERG N L
1- 543 3- 899
KRISHNAMOORTHY C
1-1911
KRISHNAN R S
1- 292 2-1454
KRISTENSEN P
3-1315
KRITCHEVSKY E S
1- 586 3-1206
KRITCHEVSKY T H
3- 65
KRITSKAYA V K
2- 117
KROGER F A
2-1303
KROLL N
1- 822
KROLL N M
2-1260 3-1765
KROLL W H
1- 788
KROLL W J
1-1626 1-1628
KROOK M
2- 11 2-1047
KROTKOV G
1- 61 1- 396
KRUEGER H H A
2-1969
KRUH
3-2051
KRUSEN F H
1- 554
KRYNITSKY J A
2-1763
KUBASCHEWSKI O
2-2127 2-2129 3-1111
KUCHAI S A
2-1194 2-1197
KUCZYNSKI G C
2-2125
KUDER M L
2-1206
KUHN H
1-1501 1-1731
KULIKOV A M
2-1349
KUMINS C A
1-1788
KUMMER E
1- 58 1- 431 1- 938 3-1434
KUMMER J T
1- 459 2- 674
KUMPE C W
1- 714
KUNA M
2-1186
KUNDU D N
2- 639 2- 640 3- 879
KUNIN R
2- 717 2- 906
KURA J G
2-1221 3-2182
KURANZ J
2-1384
KURBATIV D J
1- 538
KURBATOV J D
1- 562 3- 174
KURIE F N D
1- 328 1- 797 1-1232 1-1325 2- 192
KURNOSOVA L V
3- 124
KUSCH P
1- 800 2-1811 3- 151 3-1270 3-2266
KUSSNER H G
2- 270

KUZELL W C
2-1444
KWAL B
3- 165 3-1301 3-1307 3-1775
KYHL R L
2-2047
KYLES J
2- 550

LABAW L W
1- 461
LABELLE C W
1- 41 2- 409
LABEYRIE J
1- 359
LABEYRIGUE J
3-2336
LACASSAGNE A
1- 738 3-1092
LACHAPELLE T J
1-1064 2- 888 2-1306 2-1740
LACOURT A
3-1335
LADY E R
3- 656
LAFFERTY J M
3-2278
LAFFERTY R H JR
1- 53 2- 55 2- 84 2- 419 3- 660
3-1668 3-1339 3-2149
LAFFINEUR M
2- 661
LAGARRIGUE A
3- 366
LAGEMANN R T
1-1592
LAGERQVIST A
1-1947
LAGOURGUE M
1- 850
LAIRD W J
3- 656
LAMARQUE P
3-1531 3-2085
LAMB W A
1- 663
LAMB W E
2- 257 2-1260
LAMB W R
2-1643 2-1644 3- 214
LAMBERT F J
3- 662
LAMER V K
1-1509 2-1575
LAMERTON L F
1- 843 3-2049
LAMM O
2-2026
LAMPE I
3- 553 3-2108
LAMPHERE R W
1-1551
LAMPI E E
1-1081 2- 377 2- 378 2-1803 2-2068
3- 716
LAND E
3- 626
LANDAU L D
1- 802 1-1608 2- 384 2-1072 3- 863
LANDAU R
1-1258
LANDE A
3-2349
LANDER J J
2- 563
LANDSBERG P T
2- 604
LANDSHOFF R
3- 157
LANE C T
1-1024 2- 759 3-1250
LANE G M
3- 459
LANE T J D
1- 744
LANG A H
3-1909
LANGENDORFF H
3- 509
LANGER L M
1- 3 1- 696 1-1035 1-1193 2-2043
3- 840 3-1603 4-1754 3-2322
LANGER R E
3- 476
LANGEVIN H
3-2336
LANGEVIN P
3-1703 3-2232
LANGHAM W H
2- 901 2-1024 2-1456 3- 284 3- 954
LANGMUIR R V
1- 528 2- 508 2-1377 3-1976
LANGSTON H T
3- 935
LANNET R
1-1392

LANTZ P M
1- 852
LANZL E F
3- 582
LANZL L H
3- 582
LAPORTE M
2-1642
LAPOSTOLLE P
2-2156
LAPP E R
1-1758
LAPP R E
1- 794 1-1268 1-1439 2- 796
LAQUER H L
2-2126 3- 107
LARAMYAN A S
1- 116
LARDY H A
3- 608
LARK HOROVITZ K
1- 177 2-1247
LARKINS J H
1-1118
LARSEN E I
3- 116
LARSH A E JR
1- 661
LARSON C E
1-1745 2-1162
LARSON F
3- 263
LARSON Q V
1- 834
LARSON R G
2- 987
LARUE H C
3- 218
LASICH W B
2-1750 2-1815
LASKIN S
1-1094 1-1223 2- 409 3-2042
LASLETT L J
1-1150 2-1245 3- 877 3-1032 3-1479
3-2015 3-2325
LASNITZKI I
1- 22
LASOF S
3-1001
LASSEN N O
2- 173 2-1883 3-1137
LATARJET R
1- 742
LATHAM R
1- 656
LATHROP K
3-1816
LATTEMUS W W
3-1076
LATTES C M G
1- 180 1- 509 1-1420 1-1422 2-1198
LATTIMORE S
2-1549 2-1899 3-2201
LATYSHEV G D
3-1029 3-1030
LAUDER I
3-1889
LAUDERBAUGH A B
2- 851
LAUGHLIN J S
2- 554 3- 582
LAURITSEN C C
2- 495 2- 686 2- 993 3- 155 3- 774
3-1276 3-1417
LAURITSEN T
1-1323 2- 495 2- 622 2- 686 2- 993
3- 404 3-1419 3-1473 3-1995
LAUTERBACH K
1-1223
LAUTIE R
1- 281
LAVATELLI L S
1-1169
LAVENDER R
2- 370
LAW P G
2-1765
LAW R R
2- 594
LAWRENCE G H
2-1178 3-2080
LAWRENCE J H
1- 371 1-1051 2- 345 2- 397 2- 642
3-1519 3-1647
LAWRENCE J S
1- 24 1- 418 1-1241 1-1530 2- 614
2-1320 2-1889 3-1042
LAWSON A W
1-1522
LAWSON J L
1-1654 1-1895 2-1166
LAWTON E J
1- 307 1- 820
LAX M
3-1240 3-2194

LEA D E
1- 242 1- 895 1- 898
LEACH L
1-1223
LEACH P JR
1-1291
LEACH S
3-1093
LEADER G R
2-1837
LEARY J A
1- 975 2-2137
LEAVITT C P
2- 912
LEBARS H
3-2059
LEBEDEV V
3-1685
LEBLOND C P
1- 246 1-1058 3- 622
LECAINE H
2- 241
LECOIN M
1- 154 2-2203
LECOMTE J
3- 7
LE COUTEUR K J
2-1258 2-2013 3-1489 3-2347
LEDERER F L
3-1068
LEDERER M
3- 87
LEE C C
1- 876 3-1633 3-1803
LEE J C
3-1759
LEE J L
3- 518
LEE J S
3- 273
LEE R D
3- 960
LEE T D
2-1554
LEFEVRE G JR
1- 247 1- 248
LEFORT M
1-1488 3- 663 3-1095
LEHNINGER A L
1- 389 2-1463
LEIBFRIED G
3-2033
LEICHTER M
2-1957
LEIFER E
2- 669 2- 901 2-1023 2-1024 2-1456
3-2097
LEIGHTON R B
3-2193
LEIKIND M C
1- 387
LEININGER R F
3-1161
LEISE K H
2- 121
LEITCH J L
3- 203
LEITER H A
2-1938
LEITER J
1-1736
LEITH C E
1-1634 2- 527 2-1226 3- 768 3- 769
3-1254
LEIVO W J
2-1367
LELAND W T
3-2223
LEMAITRE G
2- 694 3-2187
LEMARR W W
2- 471 2-1919 3-1345
LEMAY M
3- 201
LEMLEY J M
3- 605
LEMMON R M
3-1341 3-1626
LEMAY M J
1- 348
LEMEUR E
2-1316
LEMLEY J M
3- 605
LEMMON R M
3-1341 3-1626
LENGYEL B A
3- 393
LENNON B
1-1358
LENNOX E
1-1114
LENZ M
1- 348
LEONARD E
2- 714 2-1656
LEPKOVSKY S
1- 372 2-2048 2-2049
LEPRINCE RINQUET L
1- 303 1- 512 1-1151 2- 739 2-1778
LERNER C
1-1196
LERNER S R
2- 878 2-2050 3- 633
LEROY D J
1-1828
LESAGE M
2- 450 3-1736
LESEIN E
2- 425
LESLIE E H
2- 658
LESLIE W B
3-1131
LESTER-SMITH E
3- 623
LEUCUTIA T
1- 411 2-2210
LEVENSON S M
2- 673 3-1809
LEVENT R
3- 227
LEVENTHAL L
2-1160
LEVERENZ H W
2-1420 3-1001
LEVERTON W F
3- 813
LEVEY G
2- 570
LEVGOLD S
3-1032
LEVIN J S
3- 971
LEVIN M L
1- 184
LEVIN V I
1-1673
LEVINE D I
3-1055
LEVINE M D
3- 217
LEVINGER J S
3- 357 3-1969
LEVINSON J
3-1408
LEVINSON L J
3- 32
LEVINSON N
3-2364
LEVINSTEIN H
1-1022
LEVINSTONE B
3- 32
LEVITAN B A
2- 280 2- 281
LEVITSKAYA M A
2-1232 2-1818
LEVY H A
2-1264 2-1289 2-1524 2-1525 2-1526
2-1923
LEVY M
1- 434 2- 714
LEVY M G
1- 76
LEVY P S
2-1875
LEVY P W
1-1698 2-1594 2-1638
LEW H
2- 232
LEWIS H M
3-1073
LEWIS H W
1- 75 3-1374
LEWIS I A D
3-1385
LEWIS J R
2-1588
LEWIS L G
1-1610 3- 236 3-1852
LEWIS L W
1-1973
LEWIS R C
3-1185
LEWIS R M
3- 982
LEWIS W B
2- 317 2-1467 2-2045 3- 837 3-1292
LEXOW S G
3- 320
LHEUREUX M V
3-1806
LI M H
1- 27
LI T T
2-1549
LIBBY W F
1-1396 2- 570 2-1569 3- 885
LICHTMAN S W
2-1649 3-1440

LICK L
3-1828
LIDDELL H F
2- 931
LIDEN K
1-1953 1-1954
LIDMAN W G
3-1902 3-2175
LIEBERMAN S
3- 65
LIEBMANN G
3- 133
LIEBOW A A
3-1839
LIEBSON S H
1- 108 1-1273 2-1639 3-1591
LIECHTI A
1- 842 3- 97
LIFSHITS I M
1-1581
LIFSHITZ E M
1- 805 1-1676 2- 5 2- 384
LIFSON N
3- 273 3-1807
LILIENTHAL D E
1- 11
LILLIE D W
3-2179
LILLIENDAHL W C
1-1393 1-1854
LILLY R C
2-1441 3-2132
LINCOLN D C
2-1681
LIND D A
1- 6 2-2207 3- 188 3- 830
LIND S C
1- 548 3- 955
LINDBERG L
2- 156
LINDBERG O
3- 70
LINDENBAUM A
1-1054
LINDHARD J
1-1424
LINDHOLM E
1-1841
LINDHURST R W
1-1505
LINDNER M
1-1007
LINDNER R
1- 203
LINDROTH S
3- 332
LINDSAY J G
3- 642
LINDSEY G R
3-2333
LINDSTROM G
2- 239 2- 583 3-1140
LINENBERGER G A
2- 936
LING D S JR
3-1476
LINGANE J J
1-1253
LINKER M J A
3-1464
LINSMAYER R M
3-1361
LIONS F
2- 728
LIPKIN D
1-1100 3-2118
LIPKIN H J
3-1466
LIPPMANN B A
3-2350
LIPSETT M B
1- 712
LIPSON L B
2-1340
LISCO H
1- 416 3-1794 3-1815 3-1834 3-1835
LISTER B A J
1-1713 2-1187 3-1875
LITTLE A D INC
3- 526
LITZ L M
1- 214
LIU C K
2- 714
LIVESEY D L
1-1293 2- 177 2- 536 3-1398
LIVINGSTON M S
3- 802
LIVINGSTON R
1-1071 3-1268 3-1407
LIVINGSTON R L
1-1110
LLOYD J T
2-2179
LLOYD M I
1- 922
LLOYD S J
2- 362
LOACH B G
1-1446
LOCK W O
3-2204
LOCKENVITZ A E
2-1171
LOCKHART H
1- 710
LOCKHART H S
3-2301
LOCQUENEUX R
3-1009
LODGE A S
1- 161
LOEVINGER R
2- 368
LOEWENSTEIN W
1- 131
LOEWENTHAL L J A
3- 547
LOFGREN E J
1- 628 2- 445 2-1066 3-1278 3-1279
3-1727 3-1728
LOFGREN N L
1-1098 1-1099 3-1349
LOFTFIELD R B
1-1055 3- 529
LOGEMANN H
3-1281
LOHMAN J B
3- 470
LOISELEUR J
1- 21
LOMBARDINI P
3- 997
LOMHOFF I I
3-2112
LONDON F
3- 389
LONDON I M
1- 363 2- 332
LONDON PHYSICAL SOCIETY
1- 829
LONG J R
1- 280 2-1584 3- 111 3-1365 3-1678
LONG L H
1-1823
LONGACRE A
2-1401
LONGLEY A E
1- 406
LONGMIRE C L
1-1699 2- 633 2- 849 2-1142 2-2025
3-1745
LONGOBARDI E
1- 677
LONSDALE K
1- 274 1- 937 1-1584 3-2239
LOONEY W B
2-1311
LOPES J L
2- 452 2-1049 3- 987
LOPUKHIN V M
2- 238
LORBER V
2-1459 3-1190
LORD J J
2-1551 3- 731 3- 740 3-1232
LORD J O
1-1849
LORENZ E
1- 40 1- 404 2- 408 2-1061
LORENZINI P
3- 30
LORIA A
2- 217 2-1912
LORIES R
3- 290 3- 292
LORIG C H
2-1379
LORMEAU S
1- 150 3- 355
LORRAIN P
2- 918 3- 412
LOSSING F P
1-1595
LOTZE I
1-1846
LOUDERMILK J L
2-2038
LOUGHRIDGE D H
1- 442 1-1123
LOUNSBURY M
1- 570
LOUW J D
3-1451
LOVATI A
3- 975 3-2208
LOVE L O
2- 755
LOVEJOY F W JR
2- 45
LOVELL B
2- 142

LOVERA G
3-1919 3-2199
LOVERDO A
2- 734
LOW F
2- 567
LOW W
2-1213
LOW-BEER B V A
1-1528 2- 306 2-1281
LOWDERMILK W H
2-1821
LOWEN I S
2-1270
LOWEN W K
2-1517
LOWENS M
2- 714 2-1656
LOWERS H R
2-1758
LOWEY F J
1-1653
LOWMAN F G
2-1888
LOWN V W
2-1240
LOWRANCE P B
3-1322
LOWY P H
3- 606
LUBANSKI J K
1- 8
LUBIMOV A L
2-1550
LUCE W H
1- 237
LUCKENS M M
3- 25
LUBEKE C A
3- 752
LUDWIG G
3-1619 3-2359
LUECK W W
3- 24
LUETH H C
1- 944
LUFT R
3- 562
LUKASZCZYK F
3-1525
LUKENS F D W
3- 621
LUKENS R M
2- 24
LUKESH J S
3-1351
LUKIRSKII P I
2-1191 2-1350
LUMAN R I
3- 287
LUNBECK R J
2-1261
LUNDBY A
2- 287 3- 162
LUNING K G
3- 14
LURIA S E
3- 10
LUSBY W E JR
3-1366
LUSTIG R T
1-1535
LUTTINGER J M
1-1663 2- 775 2- 982 2-1089 2-1916
2-2165
LUTZ L R
2-1793
LUTZ S G
2- 754
LYATKOVSKAYA N M
1- 678
LYNCH J F
2-1185
LYON A M
3-1651
LYON G M
2-1728 3- 572
LYON R N
3-1675
LYON W S
2- 999
LYONS C
2-1152 2-1445
LYONS D
3-1952

MA S T
2-1276 2-2191
MAAS J M
2- 30
MCADAMS W H
2-2160
MCALLISTER M H
1-1544
MCARTHUR J W
1- 552 1-1063
MCAULIFFE C
3-1506 3-1634
MCBEE E T
1-1589
MCBRIDE J P
3-1338
MCCALLUM K J
1- 86 3-1138
MCCARTER J A
3- 610
MCCARTER J B
3-2129
MCCARTHY J J
1-1668 2- 551
MCCARTY C N
1-1716
MCCLELLAND L
3- 625
MCCLEMENT P
2-2037
MCCLINTON L T
1-1542
MCCLURE G W
1- 984
MCCLURE G Y
3- 582
MCCLURE J H
1-1782
MCCONAGHIE V M
2- 330 2-1370
MCCONCHIE J E
3- 919
MCCONNELL J
1-1005 3-2340 3-2341
MCCONNELL K P
1- 383
MCCORKLE H
2- 306
MCCORKLE W W
3- 245
MCCOWN D A
1- 326 1-1482 1-1705 2- 220 2- 298
2- 299
MCCOY J R
1- 913
MCCREA J M
1-1828
MCCREARY R L
2-1993 3-1281
MCCULLAGH E P
2-1007
MCCULLOUGH C R
2- 20
MCCULLOUGH H M
1-1798
MCCULLOUGH J D
3-1096
MCCURCHEON T P
3- 298
MCCUSKER C B A
3- 734
MCCUTCHEON D
2-1469 3- 689
MCDANIEL B D
1- 838 1-1169
MCDANIEL P W
2-1109
MACDONALD A D
3-1939
MCDONALD A M
1- 336
MCDONALD E
3- 2
MACDONALD G L
1-1575
MCDONALD H J
1- 436 1- 927 3- 699
MACDONALD I
3- 240
MCDONALD R A
1-1363
MCDONELL W R
3-1750
MCDOWELL F
2-2216
MACDUFFEE R C
3-1639
MCDUFFIE B
3- 76 3- 77 3- 78 3- 79
MCELCHERAN D E
3- 642
MCELHENY G C
3-2118
MCELHINNEY J
2-1404 3-1585 3-2244
MCEWAN D H
1-1309
MCFARLANE A S
1- 865 1-1495
MACGILLIVRAY F N
3- 454
MCGINTY D A
1- 710 1- 711 1-1057 3- 63
MCGOWAN F K
1- 107 1-1484 3- 843

MCHENRY R E
3- 660
MACHLE W
2- 855
MACHLIN E S
3-1217
MCINTEER B B
1-1024 1-1607 3-1250
MCINTOSH B J
2- 75
MCINTOSH L R
2- 852
MCINTYRE J A
3-2317
MACINTYRE W J
3- 161 3-1316
MACK J E
3-1960 3-2261
MCKAY A S
3-1562 3-2188
MACKAY D M
1-1417
MACKAY E M
3- 64
MCKAY H A C
3-1329
MCKAY K G
2- 545
MCKEE D
2-1925
MACKEE G M
3- 591
MCKEEL J H
1-1776
MCKENNA F E
3- 80 3-1333 3-1652
MACKENZIE A J
1- 255 2- 201
MCKENZIE H A
3-1679
MCKENZIE K
3- 768
MACKENZIE K R
1- 306 1- 676 3- 413
MACKEY J
1- 408
MCKIBBEN J L
1- 88 1- 174 2-1236
MCKINLEY T D
2-1586
MCKINLEY W A JR
2- 380
MCKINNEY D S
3-1676
MACKINTOSH A D
1- 961 2-2225
MCKISSON R L
1-1284
MACKLIN P A
2- 679
MACKLIN R L
1-1185 2- 294 2- 892 2-2061
MCKOWN H S
2-1374
MCLACHLAN D JR
3-1561
MCLANE C K
2-1332 2-1447
MCLAUGHLIN E J
3- 331
MCMANUS H
2-1426
MCMANUS M J
3-2127
MCMANUS T
2- 593
MCMATH R R
2- 756
MCMILLAN E M
2- 777 3- 719
MCMILLAN J T
3- 925
MCNALLY J R JR
1-1361 1-1743 2-1292 2-1743 3-1340
3-1541 3-1666
MACNAMARA J
1-1595 2-1271 3- 388
MACNEE A B
2-1573
MACNIDER W DE B
2- 47
MCPHERSON D J
3- 117
MACPHILLAMY H B
2-1546
MCQUILLAN A D
3- 962
MCVEY W H
1-1102 2-1034
MACVICAR R
2- 884
MCWEENY R
3- 473 3-1483 3-1484
MCWHIRTER R
3-1644
MADANSKY L
2- 961 2-2010
MADDEN E E
3-1066
MADDOCK A G
2-1646 3-2139
MADDOX G E
3- 218 3-1179
MADORSKY S L
1- 960 3-1337
MADSEN C B
1-1234 2- 382 3-1220
MAGNAN C
2-1941
MAGNUSSON L B
1-1064 2- 888 2-1476 2-1740 3- 873
MAHIN E G
1-1425
MAHLER H R
2- 73
MAHN F
1- 970 3-1467
MAIER-LEIBNITZ H
1-1128 2- 336
MAIN E R
1- 908 1-1388 2- 410
MAINS M P
3- 259 3- 917
MAIR B J
1-1553
MAISIN J
3- 257 3- 550
MAJOR J K
3- 405
MAJUMDAR A N
1-1077
MAJUMDAR C
1- 297 1- 298 1-1158
MAJUMDAR R C
3-1016
MAKIEJ B
2- 218
MAKINSON R E B
1-1748 2- 728 3- 999
MALASPINA L
2-1627
MALICH C W
2-1618 2-2139
MALLET L
1- 557 1- 844 1- 850 2- 40 3- 537
3-1184
MALM J G
1-1543
MALMFORS K G
1-1916 2- 156
MANDEVILLE C E
1- 157 1- 271 1- 331 1- 885 1-1191
1-1706 2- 810 2-1139 2-1843 2-2042
3- 189 3- 467 3-1708 3-1967 3-2026
MANDEVILLE F B
3- 38
MANESCHI P P
3- 320
MANFREDINI A
1-1401 2-1347 2-1352 3- 979
MANFREDINI M
2- 740
MANLEY J H
2-2044
MANN A K
3-2266
MANN K C
3-1472
MANN M
2-1686
MANN W
1- 907 2-1295 2-1337 3-2075
MANN W B
1-1321 2-1106 2-2032 3- 445 3- 454
3- 496 3-1314 3-1444
MANNING G K
2-1582
MANNING W M
2-1475
MANOUKHINE J
1-1090
MANSFIELD R G
3- 81
MANSUR I G
2-1930
MARCH A
1-1438
MARCUS R E
3-1068
MARDIS M
3-1801
MARINELLI L D
1- 337 1- 701 1-1935 2- 664 2-2232
MARINER T
3- 391
MARINSKY J A
1-1045 2-1574 2-1675 2-1703 2-1704
MARKHAM R
1- 900
MARKOFF N
3- 532

MARKOV M A
1-1919 2- 825 2- 850 3-1685
MARKS E K
1- 40 1- 404 1- 613 1-1091 2- 613
2- 703 3- 5 3-1622 3-1625
MARKS J H
3- 574
MARMIER P
1-1506 2-1689 3- 493 3- 495
MARNEY M C
1-1636
MAROIS M
2-1857 3-2050 3-2068 3-2069
MARQUES P
3-2107
MARQUEZ L
2-2028
MARSCHALL H
2- 256
MARSH C R
2- 182
MARSH J K
3-1348
MARSHAK A
1- 869
MARSHAK R E
1- 287 2-1266 2-1358 2-1802 3- 129
3- 398 3- 773 3-1135 3-1227 3-1257
3-1393 3-2344
MARSHALL E D
3- 85 3-1353
MARSHALL F H
2- 209
MARSHALL F R
2- 210
MARSHALL J
2- 244
MARSHALL J F
1-1485
MARSHALL L
1-1633 1-1752 2-1394 2-2067
MARTELLI G
2- 200
MARTENS F H
3- 728
MARTENS H
2- 933
MARTENS R I
2-1708
MARTENSSON M
2-2026
MARTIN A J P
1-1553
MARTIN C L
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MARTIN D G E
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MARTIN G R
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MARTIN J A
2-1013
MARTIN J H
1- 593
MARTIN L H
3-1586
MARTIN M
2-2055 3- 102
MARTIN R P
2-1299
MARTIN W R
1-1212 2- 713 2-1018
MARTINDALE L
3- 252
MARTINELLI E A
2- 89 3-1223
MARTIUS U M
2- 548
MARTY C
1- 665 2- 104 2- 735 3-1373
MARTY N
3-2336
MARVIN J F
2- 877
MASI J
1-1228
MASILUN W J
2- 975
MASON A S
3-1864
MASON F D
3- 711
MASON G A
3-2104
MASON M L
2- 986
MASON R W
2-1735
MASON W P
1-1779
MASORO E J
3- 941
MASRIERA M
3- 779
MASSEY H S W
1- 522 1-1137 2-2140
MASSEY R D
1-1330
MAST W C
3- 298
MASTERS R E
3-1798
MATHER K B
1- 328 1-1202 3-1437 3-2011
MATHER R L
3-1739
MATHESON A R
2- 864
MATHESON H
1-1231
MATHEWS P T
2-2162
MATHIS A L
2-1262 2-1835
MATHIS V
2- 593
MATON W R E
2- 234
MATTAUCH J
1- 467 2-1015
MATTHEWS A F
1- 972
MATTHEWS F W
2- 146
MATTHEWS L W
3-2061
MATTHEWS P T
3-1491 3-1612
MATTHEWS S A
1-1056 2- 335
MATTHIAS B
3-2145
MATYAS Z
1- 825
MAURER R D
3- 998
MAURER W
3- 269
MAURICE D M
2- 557 2-2231 3- 619
MAURIN R
1- 850 2- 40
MAXFIELD J G S
1-1199
MAXFIELD J R JR
1-1199
MAXWELL E S
1- 720
MAXWELL J D
3- 54
MAXWELL R D
3- 86 3-1659 3-1660 3-1661 3-1662
3-2133
MAY A N
2-1074
MAY J P
3-1524
MAY K R
2-1574
MAY S
1- 576
MAYER H
2-1497
MAYER M G
1- 216 1- 803 3- 992 3-1714 3-2286
MAYER S W
3-1097
MAYERSON H S
2-1152
MAYNARD E A
1-1094 1-1095 3- 213
MAYNEORD W V
3-2049
MAYS J M
3-1581 3-1942
MAZE R
1-1105 2- 443 2-1769 3- 722
MAZIA D
1- 741 2- 713
MAZUR M
3-1792
MEAD J F
2-1262 3- 211 3-1052 3-1065
MEAD L W
3-1147
MEADOWCROFT A J
2- 805
MEAGHER W R
1-1958
MEANS J H
1- 355 1-1063
MEDICUS H
1-1479 1-1506
MEDLEY D J
1- 776
MEDVEDEV B V
3-2363
MEEK H V
1-1782 3- 283
MEEM J L JR
3-1467

MEGGERS W F
2- 795
MEI J Y
2-1607
MEIER R
2-1330 2-1512
MEIJER R R
2-1604
MEINERS E P JR
3-1256
MEINKE W W
1- 835 1-1317 2-1144 3-1752
MEINKEN M A
3-1502
MEISSNER K W
1-1732
MEITNER L
2-2143
MEIXNER J
2- 980
MELANDER L
1-1372 2- 502 2-1063
MELCHIOR J B
1- 393 2-2234
MELKONIAN E
1- 144 2- 524 3-1391
MELLODY M
1- 393
MELLON M G
2- 58
MELLOR D P
2- 728
MELLOR J F JR
2-1793
MELON J
1- 574
MELVILLE D B
3-1203
MENEELY G R
3- 605
MENEGHETTI D
1- 40 1- 985 1-1859 2-1969 2-1974
MENKE J R
3- 687
MENKER H E
2-1159
MERCHANT M E
3-1448
MERCIER V J
3-2176
MEREDITH W J
3- 516 3- 956
MERIGOUX R
2- 944
MERKULOVA M S
3-2144
MERLIN N
3-1595
MERLING K B
2-2121
MERRILL L C
3- 420 3-1963
MERRILL O E
3- 912
MERRILL P
1- 710
MERRISON A W
3- 772
MERRITT F R
2- 327
METCALF R P
2-1531 2-1535 2-1671
METLAY M
1- 826 1- 827
METROPOLIS N
2- 977 3- 415 3- 469
METZ C W
3- 514
METZGER F
1-1294 2- 7 2- 288
MEYER D I
3- 394
MEYER H
3- 598
MEYER H A
1-1403 1-1690 2-1069 2-1563 3-1120
3-1610 3-1692
MEYER H E
1-1648
MEYER K P
1-1297
MEYER P
3-2255
MEYER S
1-1020 2-1982 2-1986 2-2159
MEYERHOF W E
1-1033 1-1190
MEZZETTI L
2- 207
MICHEL L
3- 729
MICHEL P C
2-1947
MICHEL R
3-1801
MICHELS A
2- 134
MICHIELS J L
2- 195
MIESOWICZ M
1- 439
MIGHTON C J
2- 747
MIGICOVSKY B B
2-1461
MIHELICH J W
2- 634
MIHU V P
1-1670
MIKA E S
1- 40 2-1175
MIKI K
3-2102
MIKIEWICZ E
2-1453
MIKLUKHIN G P
3- 676
MILES J W
2- 268
MILHAM M
1-1314
MILHAM R
2- 570
MILLEN J L E
3- 932
MILLER A R
2-1629
MILLER A V
2-1550
MILLER B S
1-1796
MILLER D C
1- 636
MILLER D R
1-1008 1-1014
MILLER E
2-1061
MILLER E B
1-1269 2-1309
MILLER E R
1- 847 2- 664 2-1278 3- 920
MILLER E V
3- 9
MILLER G
3-1032
MILLER H H
1-1101
MILLER J
3- 623
MILLER J I
2- 438
MILLER J M
2- 570 3-2271
MILLER L C
2-1673
MILLER L L
2-1019 2-1020 3- 596 3-1797 3-1798
MILLER N
1-1707
MILLER O B
2-1298
MILLER R R
3- 342
MILLER W B JR
1- 718 3-2063
MILLER W C
2-1269 2-1628
MILLER W T JR
2- 125 2- 478
MILLER W W
2- 907 2-1065
MILLETT W E
2- 507
MILLICAN F M
1- 442
MILLIKAN R A
1- 523 2-1779 2-2075
MILLMAN S
1- 822
MILNER C J
2- 955 3- 383
MILNOR J P
3- 68 3-1081
MILONE C
3-2206
MILTON C
2- 771
MILTON R F
3-1873
MINDALEV L A
2-1956
MINDER H
3- 97
MINDER W
1- 412 1- 413 1- 546 1- 842 3- 97
MINNHAGEN L
2-1600 3-2246
MISCH R D
1- 436 1- 927
MISENER A D
2- 793
MISKEL J A
1-1359 2- 936

MIT LABORATORY FOR INSULATION RESEARCH
3-1286
MIT NUCLEAR SCIENCE AND ENG LAB
1-1442 1-1519 1-1527 1-1606 1-1629
1-1843 1-1861 1-1864
MIT RADIATION LAB
1-1603 2-1937 2-1948 2-1949 2-2134
MIT RESEARCH LAB OF ELECTRONICS
1-1662 1-1667 1-1668 1-1868 1-1881
1-1903 1-1904 1-1905 2- 255
MITCHELL A C G
1- 327 1- 693 1- 796 1-1318 2- 996
2-2000 2-2200 3-1317 3-1716
MITCHELL A M
1- 752
MITCHELL H K
2-1456
MITCHELL J A
2- 973
MITCHELL J R
3-1171
MITCHELL J S
1- 740 2-2035
MITCHELL J W
3-1883
MITRA S M
3- 733
MITTELMAN P
2- 235
MIXER H
3-1828
MIXER H W
2-1057
MOAK C D
1-1640
MOAK C S
3- 891
MOCHEL W E
2- 747 3- 316
MOCK D L
2- 233
MOE D
2- 842 2-2205
MOE R H
3-2070
MOELLER T
2- 56 3- 433 3-1534
MOFFATT J
2- 509
MOGINIER H
1- 871
MOHLER O C
2- 756
MOHR C B O
3- 978
MOHR E B
3-1347
MOIR W W
3- 907
MOLIERE G
3-1696
MOLLER C
1-1674
MOLLIE W E
1- 714
MONCH J
3-1627
MONK A T
1-1221
MONK G W
1- 99 1- 458 1- 594 1- 949 2- 219
MONTALBETTI R
2- 241
MONTGOMERY A H
3- 911
MONTGOMERY C G
2-1900 2-1936 2-1939 2-1951
MONTGOMERY D C
3- 911
MONTGOMERY D D
2-1900 2-1936 2-1939 2-1951 2-2132
MONTGOMERY D J X
3- 724
MONTGOMERY R A
3-2101
MONTGOMERY R M
3- 911
MOODY H J
3-2330
MOODY N F
2-2011
MOON R J
1- 40
MOONEY R C L
1- 705 1-1712 1-1807 2- 462 3-1890
MOORE A J W
1- 487
MOORE C
3-1676
MOORE C E
1-1725
MOORE C V
1- 390 3- 628
MOORE D G
1-1772 1-1774
MOORE G E
1-1738 2- 876 2- 877 2-1726
MOORE J I
2- 853 2-2033
MOORE M F
2-2085
MOORE R F
2-1855
MOORE S
1-1553 2- 427
MOORE W J
2-1032
MORAIS E
1- 423
MORAND M
3- 775 3-1009
MORANO M
3- 922
MOREL F
2-1857 3-1801 3-2050 3-2057 3-2068
3-2069
MORELAND R E
3-1903
MORENO T
1-1662
MORETTE C
1-1002
MORETTE M A
3- 319
MORGAN A F
1- 372 2-2048
MORGAN G W
2-1075 2-1795 3- 913
MORGAN H W
3-1210
MORGAN K Z
1- 452 1- 781 1- 941 1-1412 2- 489
2- 491 2- 989 3- 220
MORGAN L O
1- 206 1-1066 1-1229 2-1480
MORGANSTERN K H
1- 953 3-2929
MORGULIS N D
1-1672
MORING-CLAESSON I
1-1214
MORITZ H
1- 920
MOROZOV I G
2-1360 3- 974
MOROZOV V
2- 98 2-1202
MORPURGO G
2- 97
MORRAL F R
1- 929
MORRIS J C
1- 451
MORRIS P A
1- 734 1-1802
MORRIS R
1- 234
MORRISH A H
2-1690
MORRISON A
1-1300 1-1301 1-1933 2-1192 3- 453
MORRISSEY R
2- 619
MORSE M L
2-1853
MORTENSON W
3-1281
MORTON D G
2-2039
MORTON F
3- 453
MORTON G A
2- 973 2-1248
MOSELEY H M
1-1134
MOSES M J
3-1791
MOSES S G
1- 405
MOSHARRAFA A M
2- 822
MOSHER E
3-1196
MOSS C J
2- 159
MOTT N F
2-1562 2-2192
MOTTA E E
1- 299 1- 300 1- 305 1- 519 1- 834
1-1031
MOUSUF A K
1- 284
MOUTET A
1- 281
MOUZON J C
1-1835
MOWRY A L
3-1674
MOYAL J E
2-1654
MOYER B J
1- 817 1-1878 2- 527 2-1441 3- 709
3- 767 3-2316

MUEHLHAUSE C O
2- 631 3-1006 3-1261 3-1945
MUELLER M E
1- 210
MUETHER H R
2-1141
MUFSON I
2- 346
MUIRHEAD E G
2-1615
MUIRHEAD H
1-1156 1-1615 2-1068 2-1195 3-2204
MUKERJI A
1-1479
MUKHERJEE B
1-1334 2- 649 2-2041
MUKHERJI A
2- 624
MULLANEY J F
1- 89 1- 993
MULLER D
3- 188
MULLER F A
3-1994
MULLER H J
2-1062
MULLER J H
2- 304 3- 554
MULLER R M
1-1836
MULLER W J
1-1559
MULLETT L B
1-1446 2- 585
MULLIKEN R S
1-1454
MULLIKEN T W
2- 248
MULLIN C J
1-1445 1-1465 1-1486 3-1277 3-1580
MULLINS J F
3- 951
MULLINS L J
1- 112 1- 717
MULLIS A
1- 842
MULRYAN B J
1- 46 1- 908 1-1386 1-1388 2-1179
2-1455 2-2080
MULVEY T
2-2120
MUNCH G
1-1235
MUND W
3- 290 3- 292
MUNDIE L G
1-1732
MUNNELL E W
3-1069
MUNTZ J A
2- 49 2-2079
MURA A
3- 975 3-2208
MURAKAWA K
2- 326 3-1410
MURARD R
2- 601
MURATA K J
2- 771
MURPHY D P
1- 736
MURPHY E D
3- 202
MURRAY A III
1-1395 2- 908 2- 909 2- 910 3- 284
3-1091
MURRAY F H
2-1597
MURRAY R B
2-1207
MURRAY R G
1-1237 1-1763
MURRAY W S
1-1112
MUSKHELISHVILI G
2- 98
MUSSEL L W
1-1698
MUTSCHELLER A
3-1073
MUXART R
1-1487 3 1756
MUYLLE R
3- 390
MYANT N B
3-1181 3-1192
MYERS J W
1- 353 1- 556
MYERS L S JR
3-2116
MYERS R H
2- 763 2- 766 2-1080
MYERS V W
1-1187 2 1088
MYERS W
1- 353 1- 556
MYERS W G
2-1003
MYSLIVECEK J
3- 22

NAFE J E
1-1720 2- 657 2-2226 3-1917
NAG B D
1- 284
NAGLE D E
3-1721
NAHMIAS M E
1-1436 3-2001 3-2269
NAIMAN D N
2-1177
NAKAGAWA S
2-2147
NAKAIDZUMI M
3-2101
NAKAMURA S
3-1306 3-2312
NAKANO Y
3-2318
NAN K S
2- 600
NAPOLITAN D S
3- 659 3-1669
NARANJO A
3-1799
NARAYANAN P S
2-1454
NARDI G L
2-1457 2-1852
NASH L
1- 754
NASH P
1- 614
NASH W F
1- 675
NATANSON L
3-2276
NATL ADVISORY COMM FOR AERONAUTICS
1-1517 1-1772 1-1774 1-1846 1-1847
1-1902
NATL ASSN OF CORROSION ENGINEERS
1- 927
NATIONAL BUREAU OF STANDARDS
3- 222
NATIONAL DEFENSE RESEARCH COMM
1-1669
NATIONAL RESEARCH CORP
2- 811
NATIONAL RESEARCH COUNCIL OF CANADA
2-1640 2-1641 3- 428 3-1442
NAUDE S M
1-1050 3-1451
NAUMOV A A
2-1071 3-1569 3-1699
NAVAL RADIOLOGICAL DEFENSE LABORATORY
3-2093
NEAL W B JR
1- 40 2- 855 2-1026 3- 589
3-1842
NECHAJ J F
3-2275
NEELY J J
1-1775 2- 50 2- 51
NEHER H V
2-1356 3-2189
NEIDRACH L W
1- 752
NEILSEN H H
2- 330
NEIMAN M B
2-1216
NEKRASOV B V
1-1908
NELLER J R
1- 868
NELSON C M
2-1525 2-1537 2-1539
NELSON E B
1-1720 2- 657 2-2226
NELSON F
1- 357 2- 352 2-1161
NELSON H R
3- 382
NELSON L
2- 372
NELSON L B
3-1505 3-1507
NEMILOV I A
2-1499 3- 994
NEMIROVSKII P E
2- 827
NERESON N G
1- 510 1- 999
NESS A T
2-1860
NEU J T
1-1950
NEU L
1- 39
NEU V
1- 39
NEUERT H
2-1001

NEUKOMM S
2- 425
NEUMAN M
3-1370
NEUMAN M W
1- 908 1-1386 1-1387 1-1388 2-2080
NEUMAN W F
1- 46 1- 606 1- 906 1- 908 1-1074
1-1094 1-1095 1-1386 1-1387 1-1388
2-1179 2-1327 2-1455 2-2080 3- 531
3- 632 3-1049 3-2160
NEVILLE G A
3- 203
NEVILLE D K
1- 373 1- 861 1-1792
NEW BRUNSWICK LABORATORY
3- 683
NEWBERY G R
2- 240
NEWBURY E G
1- 975 2-2137
NEWELL H E JR
1- 460 3- 373 3-1592
NEWELL J F
3-2154
NEWELL R R
3- 540
NEWKIRK J B
2- 118
NEWLIN G C
1- 87
NEWMAN J R
1-1796
NEWMAN L T
3- 417
NEWTON A S
1- 301 1- 620 1-1009 1-1224 2- 782
2-1041 2-1043 2-1304 2-1669 2-1672
2-1749 3-1750
NEWTON R R
2- 592
NEWTON T D
3-1767
NEWTON T W
2-1162
NEY E P
1- 628 2- 445 2-1066 2-1903 3- 122
NEY H
3-2103
NICHOL A D
3- 530
NICHOLAS D J D
3- 616
NICHOLSON P
2- 115
NICHTRIEB N H
2- 313
NICKERSON W J
1- 717 1- 734
NICKOLS D G
2-1223
NICKSON J J
1- 417 1-1493 1-1533 2- 395 2- 486
NICKSON M
3-2049
NICKSON M J
2- 38
NICODEMUS D
1-1866
NIELSEN H H
2-1370
NIELSEN O B
3-2247
NIEMIEC T
2- 793
NIER A O
1-1024 1-1593 1-1607 2- 498 2- 510
3-1250 3-1607
NIESET R T
2-1152
NIKITIN B A
2-1084
NIKITIN S Y
1-1616
NIKOLSKII S
2-1957
NIKONOVA M P
2-1720
NIMS L F
3- 503
NING H
1- 596
NISBET J S
3-1387
NIVEN J
1- 973
NOBLES R A
1- 978 3-1965
NOGAMI H H
1-1430
NOHRMAN B A
3- 242
NOLL H
3- 598
NOONAN E C
1-1586
NOONAN T R
1-1195 2- 303 2-1021 2-1022
NORD F F
2-1151
NORDHEIM L W
1-1799 2-1189 3- 782 3- 783
NORRIS T H
1- 64
NORRIS W P
2-1286
NORSTROM A
2-1865
NORTH N
3- 503
NORTON F H
1-1097
NORTON F J
3- 655 3-1655
NORTON J T
3-1674 3-2146
NOSAWA R
2-1917
NOTRE DAME UNIVERSITY
1- 548
NOTTINGHAM W B
3-1000
NOTTORF R W
1- 632 2-1043 2-1304 2-1670 2-1672
NOVEY T B
2-1478 2-1535 2-1669 2-1680 2-1739
2-1871 2-1873 2-1874 2-1875 2-1876
2-1881 2-1968 3-1252 3-1989
NOVITSKI E
1- 44
NOWICK A S
3-1217
NUCLEAR INSTRUMENT AND CHEMICAL CORP
3- 426
NUELLE R E
3-1589
NUNAN C S
3- 803
NUYENS M
3- 401
NYC J F
2-1456
NYE R D
2- 361
NYE R E JR
1- 367
NYLIN G
2-2051 3- 268

OAKES W R
3-2097
OATLEY C W
2-2122
OBREIMOV I V
1-1576
OBRIEN T D
2-1744
OCCHI A
1- 67
OCCHIALINI G P S
1- 798 1- 933 1-1422 2- 776 2- 966
OCONNOR P R
1-1229 1-1967
ODDIE T H
2- 334 3- 58
ODELL F
2- 903 3-1891
OETJEN G W
3- 690
OETJEN R A
2- 593
OGATA K
2- 757
OGAWA S
3-2205
OGLE W E
2-1617 3-2244
OGSTON A G
2- 875
OHIO STATE UNIVERSITY
1-1415
OHMART P E
2-1925 3- 132
OKAMOTO K
3-1247
OKAYAMA T
2-1119
OKKER J J
3- 934
OKONSKI C T
2-1577
OLDENBERG O
3-1732
OLDS B S
2- 350
OLEARY J
1- 46 2-1329
OLIPHANT M L E
2-1496
OLIVER R
2-1008 3-1864

OLSEN S R
3-1508
OLSON E C
3-1066
OLYNYK P
1- 759
ONEIL J B
1- 876 3-1533 3-1803 3-2056
ONEILL G F
3- 718
ONG S G
2-1844
ONO K
3-1306
OPECHOWSKI W
1- 625
OPPENHEIMER F
1- 628 2- 445 2-1066 2-1903 3- 122
3- 807
OPPENHEIMER J R
2-1768
OPPERMANN R H
1-1944 2- 243
ORBELI M L
2-1827
ORCHIN M
3- 294 3-1893
ORE A
1- 164 3- 901 3-1033
ORIANI R A
2- 721 3- 597
ORLEMANN E F
1- 589
ORLIN J J
1-1480
ORR J B
3-1114
ORR W C
3- 154
ORRICK N C
2-1919 3-1345
ORSONI L
3-1695
ORSTROM A
1- 874
ORTH D A
2-2028
OSABA J S
3-1470
OSBORN F
1-1555
OSBORN G H
1-1204
OSBORN S B
2-1297 3- 67 3- 271 3-2110
OSBORNE D W
2-1476 2-1614 2-1997 3-2213
OSBORNE M F M
3- 481 3-1480 3-1481
OSGOOD E E
1-1038
OSHRY E
2- 664
OSMOND J D JR
3- 930
OSOBA J S
2- 192
OSSWALD E
2- 119
OSTRO M
3- 519
OTTOLENGHI L
2- 699
OTVOS J W
1-1554 3- 315
OVERBECK C J
2-1149
OVERMAN R T
1- 976 1-1162 1-1649
OVERMAN W J
3- 68 3-1081
OVERSTREET R
1-1184 1-1911 2- 347 2-1134
OWEN G E
1- 691 2- 194 2- 216 2- 842 2-2205
3- 185
OWREN H M
3-1143
OXLEY C L
1- 7 2-1993 3-1281
OZEROFF M J
3-1472

PACE N
2-1158
PACHNER J
2- 752
PACKARD M E
1- 777
PADFIELD D G
2- 946
PAINTER E
1- 42
PAINTER E E
3- 230 3-2092
PAIS A
1- 517 1- 810 3-1769

PAKE G E
1-1685 1-1688 2- 780 2-1227
PAL H K
2- 386 3-1452
PALEVSKY H
3-1397
PALM E
3-1605
PALMATIER E D
3-1562
PALMER E D
1-1531
PALMER J P
3-1859
PALMER W L
2-1321
PANCINI E
2- 207
PANETH F A
2- 501 2- 724 2-2238
PANETH H R
2-1690
PANNELL J H
1-1147 2- 428
PANOFSKY W K H
1-1307 2- 89 2- 572 2-1405
PAPE R
1- 737 3- 35
PAPP G
1-1651 1-1652 2- 461
PAPPAS A C
1- 726
PARDUE L
1-1640
PARK C W
3-1144
PARKASH O
3-1945 3-2198
PARKER D R
1- 902
PARKER G W
1- 51 1- 852 2- 424 2-1530
PARKER H M
3-1837
PARKER L
2- 414
PARKER R T
3-1516
PARKINSON G B
2-1106
PARKINSON T F
2-1207
PARKS J R
3-1124
PARKS R D
1-1629
PARMELLA R
3- 378
PARMLEY T J
1- 817 2-1441
PARRISH W
3-2147
PARRY A
2- 320
PARSON W
2-1152
PARSONS J
1-1949
PARSONS R P
2- 42
PARTRIDGE C W H
3-1203
PASCHKIS K E
1- 250 1-1739
PASECHNIK M V
3-1029
PASKIN A
3- 824
PASLER M
1-1464 1-1465 2-1651 3- 870
PATERSON E
1- 904 3- 512
PATERSON R
2- 862
PATRO A P
2-2198 3-1399
PATT H M
1- 40 1-1764 2-1754 2-1755 3-1645
3-1812 3-1818 3-1819 3-1821 3-1823
PATTEN R B
1- 768
PATTERSON J H
1-1785
PATTERSON V K
2- 989
PATTON R L
2-1474
PAUL E B
1-1433 2- 582
PAUL T O
3-1058
PAUL W
1- 505 2- 155
PAULI W
1- 318 2- 260 3-1772
PAYNE J T
3-1320

PAYNE R M
1- 167 1- 675 1- 798
PAYNE W T
3-2029
PEACOCK C L
1- 837 2- 995 2- 996 2-2200
PEACOCK W C
1- 380 1- 388 1- 710 1-1739 3-1325
PEARLMAN H
2-1051
PEARLMAN N
1- 13
PEARLSON W H
1-1820
PEARSALL C S
2-2163 3- 341
PEARSE H E
3-1320
PEARSON I A
2- 37 3-1083
PEARSON O H
3-1504 3-1628
PEASE D C
3- 981
PEASLEE D C
1-1896
PECK R L
1-1553
PEECH M
3-1506 3-1634
PEED W F
1- 702 2- 863 2-1718
PEIERLS R E
2-1090 3-1962
PEIRCE C B
1- 560 3-1185
PEKAR S I
1-1574 1-1580 2-1072 2-1073
PEMBERTON J D
3- 36
PENDERGRASS E P
1- 736 3-1063
PENG H W
1-1002
PENN W D
3- 746
PENNEMAN R A
1- 697
PENNOCK J C
3-1147
PENNSYLVANIA STATE COLLEGE
1-1545 1-1546
PENNYBACKER J
2-1010
PEPKOWITZ L P
1-1549 3-1195
PEPPER T P
3- 451 3-1423
PERCIVAL W
1-1058
PERELSHIN A S
1-1583
PEREY M
2-2203 3- 900
PEREZ F P
3-1334
PEREZ-MENDEZ V
2- 568 2-1435 2-2199 3-1748
PERFILOV N A
2-1191 2-1350
PERISCO E
1- 273
PERKINS D H
2-1549 2-1770 3- 364 3- 732 3-1379
3-2201
PERKINS G A
3-1018
PERKINS M S
1-1353
PERLIS A J
3- 421
PERLMAN I
1- 878 1-1042 1-1182 1-1229 1-1715
1-1838 2- 569 2- 620 2-1215 2-1480
2-2031 3-1726
PERLMAN M L
1- 879 1-1016 1-1895 2-1814
PERLMUTTER M
3- 945
PERLOW G J
2-1206
PERRUCHE L
2- 671
PERRY C H
3- 535
PERRY J E JR
1- 7
PERRY S P
3- 568
PERRYCOSTE W B C
3-1112
PERSANO A
2- 109 2-1352
PERSICO E
3- 466
PERTZOFF V
2-1296
PESCUMA D
1-1331 2- 670 2- 856
PETER O
2- 34
PETERS B
1- 628 2- 446 3- 735 3-1230
PETERS J H
2- 411
PETERSON A E
2- 917
PETERSON E A
2-2230
PETERSON H E
1-1966
PETERSON J H
3- 316
PETERSON J M
2- 777 3- 719
PETERSON R E
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PETERSON S
2-1332 2-1386 2-1436 2-1447
PETERSON V
2-1256
PETIAU G
1- 686 1-1025 1-1682 2- 444 2- 826
PETRAKIS N L
3- 214 3- 515
PETREE B
3-2214
PETRETIC G J
2-1491
PETTENGILL A
2- 898 2-1330 2-1512 2-1513 3-2042
PEYROU C
3- 366 3-1121
PEYTON W T
1-1738
PFANSTIEHL A
1- 990
PHILIPP K
2- 290
PHILIPS R
1-1307 2- 572
PHILLIPS A N
1- 979 2-1099 2-1975
PHILLIPS D D
3-1392
PHILLIPS G C
2-1618
PHILPOTT D S
3- 205
PHIPPS T E
1-1251 3- 104 3- 105
PICCIONI O
2- 457 3-1915 3-1916
PICCIOTTO E
3- 436 3- 836
PICKARD H B
2-1577
PICKERING J E
1-1695 1-1956
PICKETT W J
3- 614 3- 615
PICKLE C B
2- 493
PICKUP E
1-1013 1-1300 2-1192 3-1371
PIDD R W
2- 961 2-2010
PIERCE J G
3-1203
PIERCE M
1-1237 1-1763
PIERRER J
1-1780
PIETZKA G
1-1906
PIMENTAL G C
1-1368
PINKUS H
2-1277
PINO J A
2-1058
PINOTTI P L
3- 331
PIRENE J
1-1313
PITZKER K S
1- 530
PLACZEK G
1-1861
PLANT C H
1-1286
PLATT J B
2-1993 3-1593
PLATT J R
1-1821
PLATT W R
3- 565
PLATZMAN R L
1-1499
PLAYFAIR P L
3- 587
PLESSET M S
1-1518 1-1865

PLINER Y G
2- 442
PLYLER E K
2- 325
POBERSKIN M
1- 840
POCHIN E E
3-1181 3-1192
POCZA E F
2- 559
PODGORETSKII M I
1-1569 2-1100 2-1204
POHLE E A
3- 907
POLAKOVA E M
2- 436
POLLARD E C
1-1523 1-1870 2-1620 2-1890 3-2277
POLLARD H V
1- 270
POLLARD J
2-1044
POLLERMANN M
3-1993 3-2006
POLLOCK H C
1- 528 3-1976 3-2278
POLONOVSKI M
1- 365
POLUEKTOV N S
2-1720
POMERANCE H S
1-1640 2-1385
POMERANCHUK I
1- 804 1-1608 1-1639 1-1641 3- 989
3-1302
POMERANTZ M A
1-1561 2- 743 3- 745 3-2192
POMEROY J H
1-1864
POMMET J
2- 788
PONIZOVSKIY L B
1- 397
PONTECORVO B
1-1023 1-1421 2-1361 2-1811 2-1826
2-1839
PONTIEU J
2-1128
POOL M L
1- 326 1- 543 1- 544 1-1482 1-1705
2- 298 2- 299 2- 639 2- 640 3- 879
3- 899 3-1477 3-1739 3-2237
POOLE J H J
1- 285 1-1514 2- 483 2-1224
POOLE M J
1-1435 3-1259 3-1383 3-1970
POPELKA M JR
3-1957
POPJAK G
1-1053
POPKOV V I
1-1671
POPOV M A
1-1783
POPP W C
3-2099
POPPE E
3- 50
PORTA C
3-2106
PORTER B
2-1152
PORTER R W
1- 939
PORTMANN A F
2-1891
PORTMANN U V
3- 930
POSS H L
2-1399
POSTERNAK T Z
3-2060
POTIER R
1-1692 3-1020
POTTER R A
1- 264
POTTER R L
3- 608
POTVIN R
1-1648
POUND R V
2-2133
POVELITES J J
1- 975 2-2137
POWELL C F
1- 401 1- 933 1-1422 1-1615 2- 776
2-1068 2-1195 3-1375
POWELL E W
3-1701
POWELL H
1-1209
POWELL J E
3- 300 3- 301
POWELL J L
2- 823 3- 901 3-1033
POWELL J P
1-1536
POWELL R W
2- 393
POWELL W M
1- 117 1-1856 2-1391 2-1547 2-1783
2-1799 3- 395 3- 850 3-1735
POWER M H
2- 646 2- 855 2-1545 3-2053
POWER S
3-2191
POWERS E L JR
1- 40 1- 235
POWERS W D
3-2120
POWLES J G
1-1777 1-1778
PRANDTL W
3- 664
PRATT W W
1-1150 2-1245 3-1479 3-2325
PREISS A
3- 256
PREISWERK P
1-1279 1-1479 1-1506 2-1689 3- 495
3-1028
PRENTKI J
2- 104 2- 735 3-1373
PRESCOTT J R
3- 978 3-1574
PRESENT R D
1- 545 1-1303 2- 249 2-1998
PRESSLEY E C
3-1592
PRESSMAN D
1- 583 3- 74 3- 278
PRESTON G
3-1420
PRESTON M A
2- 841
PRESTON W M
1- 791 2- 532
PREUSS L E
3-1218
PREVET F
3- 225
PRICE C H G
2- 32
PRICE F L
2- 402
PRICE G R
1-1227 3-1350
PRICE H C JR
1- 3 1-1035 1-1193 2-2043 3-1754
PRICE W C
1- 80
PRICE W J
2- 593
PRIEST H F
2- 439 3- 80
PRIGENT J
2-2064
PRIKHOTKO A F
1-1576
PRIMAK W L
1-1312 3-1904
PRIMAKOFF H
1-1617 2- 216 3- 185
PRINCETON UNIVERSITY
1- 521 3-1229
PRINGLE R W
2- 550 2- 971
PRINZMETAL M
2-2219 3-1072
PROCA A
3- 156
PROCTOR B E
1-1036 3- 954 3-1339
PROCTOR N K
3- 272
PROCTOR W G
2-1229 3-1719
PROELL W
3- 194
PROMISEL N E
2-1593 3- 112
PROSSER C L
2-1175 3-2081
PROSSOR T M
3- 584
PROUD E R
1-1549
PRUETT R L
3-2149
PRYCE M H L
1- 731 2- 603
PRZIBRAM K
3-1542
PUDDINGTON I E
2-1369 3-2125
PULLMAN B
2- 348
PUNIN W
3- 511
PUPPI G
2-1196 2-1348 2-1357 3-1693 3-1923
PURCELL E M
1-1885 2-1227 2-1984 3-2265

PURDUE UNIVERSITY
1-1019 3- 995
PURKAYASTHA B C
1- 924 2- 351 2- 774
PUTMAN E W
1- 61 3-2140
PUTMAN F W
1-1508
PUTMAN J L
2- 543 2- 976 3- 464 3-1450

QUARTERMAN L A
1-1312 3-1904
QUASTLER H
1- 237 1-1244 3- 582 3-1173 3-2081
QUERCIA I F
2- 440 2-1362 2-1902
QUERZOLI R
3-1992
QUILL L L
1-1716 3- 64 3-1333
QUIMBY E H
1- 701 1-1329 1-1934 1-1936 2- 346
2- 664 3- 277
QUINLIN P M
3-1502

RABBITTS F T
2- 63
RABI I I
2- 523 2- 595
RABINOVICH M
1- 308
RABINOWITCH EI
3- 680 3-1671
RABOVIK J I
2-1081
RACAH G
3-1770
RACHELE J R
1- 867 2-1465
RACHINSKII V V
1- 709 2- 67
RADIATION INSTRUMENTS BRANCH
3-1991
RADICATI L A
1- 166 1- 535 2-1428
RADIMER K J
1-1255
RADO G T
3-1110
RAETHER H
3-1709
RAEUCHLE R F
1- 632
RAI R N
1- 138
RAINWATER L J
1- 92 1- 93 1- 94 1- 144 1-1267
2- 523 2- 524 2- 525 2- 526 2-1085
2-1807
RAKITIN D
2-1555
RALL W
2-1673
RAMANNA R
3-1998
RAMBERG E G
3- 984
RAMSEY N F
3-2235
RAMSEY W H
1-1753 2- 267 2- 781
RANDALL C
3- 213 3-2047
RANDALL C A
2-1568
RANDOLPH L F
1- 406
RANGER R H
1-1699
RANKAMA K
3-2222
RANKIN C W
2- 70
RANKIN J
3- 576
RAO K R
1-1048
RAO V R
1-1048
RAPER J R
1-1240
RAPP K E JR
3- 659 3-2149
RARITA W
2- 564 3-2268
RASMUSSEN J O
3-1751
RASMUSSEN V K
1-1323 2- 993 3-1419 3-1473 3-1995
RATHGEBER H D
1- 776 1-1844 2-1765
RATIER J
1- 694
RATTE H
3-1676

RAUB E
1-1627
RAVAZZONI C
3-1831 3-1832 3-2074
RAVDIN I S
3- 54
RAVENHALL D G
2- 695
RAWSON R W
1- 710 1- 711 1-1063 1-1957 2- 664
2-2232
RAY C T
2-1468 3- 68 3-1081
RAY D T
2- 714
RAY F E
2-2094
RAY J P
2- 928
RAY T
3- 463
RAY W H
1-1647 3-2121 3-2122
RAYMOND W
1- 382
RAYSKI J
3- 478 3-1771 3-2358
RAZORENOV L A
2-1199 3-1598
READ J
1- 234 3- 449
READ J M
3- 921
READE M
1- 876 2-2235
REAS W H
2-1343 2-1995
REASER P B
2-1025 2-1468 3- 68 3- 463
REAVELL F R
2- 767 2-2131
REDEMANN C E
2- 480
REDMOND J W
2- 147 2- 149 2-1212
REED C W
2-2004
REED E L
2-1184 3-1559
REED J O
3-1082 3-2094
REED S A
2-1697 3-1558
REES A L G
1-1456
REESE A B
2-1147
REESE J W
1- 377
REEVE E B
2-2054
REGIER R B
3-1343
REHBEIN F
2- 290
REICH H
3-2285
REICH S B
3-1077
REICHARD P
3- 611 3-1629 3-2076
REICHERTZ P P
3- 713
REID A F
1- 474 1-1348
REID J C
1- 252 1- 947 1-1789 2- 340 2-1338
2-2091 3-1667
REIDEL J
3- 796 3- 799
REINER J M
3- 60
REINES F
1- 89 1- 993
REINHARD M C
3-1859
REISS M
3-2062
REKERS P E
2- 23 2-1434 3- 916 3-1635
REMMEY G B
2- 416 2- 418
RENARD G A
3- 492 3- 897
RENNIE C A
3-2242
RENTSCHLER H C
1-1854
RETZLOFF O
3- 691
REUTERSWARD C
1-1916
REVIGLIO G M
1- 524
REYNOLDS C A
1-1024 3-1250

REYNOLDS E E
1-1847
REYNOLDS F L
1-1892 2-1077 2-1402
REYNOLDS G T
2- 111 2-2102
REYNOLDS J H
3- 149 3-2013 3-2245
REYNOLDS L
2-2210
REYSEN W H
1- 81 3- 659 3-1669
REZEK J Z
3- 256
RHOADES C W
2-1919
RHOADES R P
1-1763 3-1929
RHODERICK E H
3- 714
RHODES B M
3-1050
RICE C N
2-1285
RICE W
2- 570
RICH A
2- 714 2-1856
RICH T A
3- 751
RICHARDS H T
2- 470 2- 571 3- 763 3-1163
RICHARDS J
3-1899 3-2016 3-2323
RICHARDS J A
1-1799
RICHARDS P I
1-1460
RICHARDSON H O W
2- 283 2- 623 2-1251 2-1440
RICHARDSON J R
1-1305 2- 447
RICHARDSON W L
1-1174
RICHEY E O
1-1695
RICHMAN C
2-1405 2-1450
RICHMOND J C
1-1772
RICHMOND R
3- 880 3-2023
RICHTER A F
1- 527
RICHTMYER R D
2-1564 3- 739
RICKARD M J
1- 40
RICKARD R R
3- 85
RICKETTS W E
2-1321
RIDDELL C
1- 711
RIDER B F
2- 58
RIEHL N
1- 181 1-1653
RIESEN D E
3- 582
RIEZLER W
1- 19 1- 33 1- 577 1- 735 3- 269
RIGGS D S
3- 945
RILEY E F
1-1240
RINCK E
2- 61 3-2039 3-2040
RING H
1-1453 1-1890 2- 943
RINGER W
2- 762
RINGO G R
2-1969
RIOU M
3-1166
RISPOLI B
2- 440 2-1362 2-1902
RISSER J R
2-1618 2-2139
RITCHIE G
3- 907
RITLAND H N
1- 464
RITSON D M
1-1156 1-1515 1-1816 2-1195
RITTENBERG D
1- 363 1- 471 2- 332
RIVIER D
1- 653 3-1017
RIVIER J L
1- 671
ROAF D
2- 509
ROBBINS L L
2-1443 2-1846 3- 912
ROBERG J
2-1189
ROBERTS A
1- 159 1- 556 1-1590
ROBERTS E
1- 896
ROBERTS E R
2-1579
ROBERTS J D
1-1931
ROBERTS J H
3-1155
ROBERTS J S
1-1409
ROBERTS R H
1- 784
ROBERTSON J H
1- 219
ROBERTSON J K
2-1145
ROBILLARD J
1-1830
ROBINETT P W
1- 905
ROBINSON B
1-1351
ROBINSON C
3-2284
ROBINSON C F
1- 978
ROBINSON C S JR
2-1946 3- 582
ROBINSON C V
2- 562
ROBINSON D W
2- 39
ROBINSON E S
1-1167
ROBINSON H B G
2-1026
ROBINSON H P
1-1218 2-1373 2-1413 2-1484 2-1485
2-1533
ROBINSON J E
2-2023 2-2202 3- 845 3-2332
ROBINSON J N
3- 8
ROBINSON K W
2-1248
ROBINSON L B
3-1598
ROBINSON P L
2- 678
ROBINSON W
3-1930
ROBINSON W J
1- 481 1- 964
ROBINSON W O
3- 635
ROBSON J M
2- 546 2-1103
ROBSON M
3- 207 3-1825
ROCHAT O
1-1643
ROCHE J
3-1801
ROCHESTER G D
2- 92 2- 110 2- 742 2-1777
ROCHESTER UNIVERSITY
2-1416
RODDEN C J
1- 752 2-1490 2-1491 3- 84 3- 685
3-1656
RODES N D
3- 605
RODGERS J
1-1074
RODNIKOVA I V
1-1576
RODRIGUES A A
3- 394
RODRIQUEZ A E
2-1560 2-1831
ROEDER F
1- 3913-1630
ROEHRIG H
3- 698
ROESCH W C
2-1356 3-2189
ROGERS E H
3-2243
ROGERS F T JR
1-1319 1-1320 1-1324 2-1842 3- 182
3-1464
ROGERS J D
2- 593
ROGERS L B
1-1101 1-1173 1-1250 1-1551 2-2087
ROGERS R R
2- 764
ROGOZINSKI A
2- 103 2- 450 2- 745 3-1736 3-1756
ROHRER R H
1- 718

ROHRLICH F
2- 322 2- 329 2-1603
ROLL P M
3-1342
ROLLEFSON G K
1-1220
ROLLIER M A
1- 621
ROLLIN B V
3-1959
ROMAN P
3-2368
ROMBOLD C
3- 936
RONA E
3-2141
RONZIO A R
1-1395 2- 908 2- 909 2- 910 2- 975
3-1091
ROOFE P G
3-1053
ROOT D C
3-1365
ROOT G
2- 696
ROSE B
2-1135
ROSE D
3- 804
ROSE E
3- 54
ROSE M E
1- 507 1- 508 1- 666 1- 977 1- 991
2- 385 2- 799 2- 941 2- 988 2-1093
2-1439 3-1758 2324
ROSEN L
1- 979 2- 893 2-1037 2-1045 2-1099
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ROSEN M J
1-1265
ROSEN N
1-1134 2-1228
ROSEN R
1-1258 1-1407
ROSENBERG I N
2-1460 2-1462 3- 61
ROSENBERG R L
2- 733 3-1372
ROSENBERGER H C
3- 569
ROSENBLUM E D
3- 62
ROSENBLUM S
2- 630 2-1648 3- 900
ROSENBLUTH M
2-1193 2-15 3-2343
ROSENFELD I
1- 751
ROSENFELD L
1-1444 2-1230 2-1258
ROSENQVIST I T
2-1959
ROSENSTEIN J
2-1004
ROSENTHAL I L
2-1194 2-1197
ROSENTHAL R L
2-1263
ROSS C S
1- 286
ROSS E J
2-2231
ROSS M A S
3-1590
ROSS M H
2- 708 2-1892
ROSS S
1- 176 1- 310
ROSSER W G V
3- 733
ROSSI B
1- 78 1- 761 1-1119 1-1804 2-1548
2-1553 2-1768 2-1780 2-2098 3-2203
3-2311
ROSSI H H
1- 747
ROSTAGNI A
2-2164 3-1595
ROSWIT B
2-2019
ROTALLACK J G
3- 736
ROTARIU G J
2- 480
ROTBLAT J
2- 343 3- 618
ROTH E
3- 140
ROTH E B
2-1124
ROTH L
2-2009
ROTH L J
2- 669 2- 901 3-1023 2-1024
ROTH L W
1-1922
ROTHCHILD B F
1- 258 3- 648
ROTHENBERG M A
2- 714
ROTHENBERGER C D
1- 589
ROTHSTEIN A
1- 749 1-1094 2-1180 3- 20
ROUSSEAU P
3-1724
ROVINSKII B M
2- 117
ROWLAND S P
2- 421
ROWLANDS S
1- 293 1-1299 1-1734 3- 623
ROWLEY D
1-1734 3- 270 3- 623
ROY R R
1- 402 2- 691 3- 792 3-1458
ROYAL H F
2- 902
ROYAL INSTITUTE OF CHEMISTRY
1-1357
ROYAL SOCIETY OF MEDICINE
3-1170
ROZENDAAL H M
1- 943
ROZENTAL S
1-1916
RUBIN B A
3- 504 3- 593 3-1796
RUBIN S
3- 155
RUBINOWICZ A
1- 185 3- 170
RUBINSON W
2- 937 2-1716 2-1869 3-1131 3-1887
3-2014
RUCKENSTEINER E
3-1528
RUDENBERG F H
2- 808
RUDENBERG R
1-1604 2- 140
RUDERMAN I W
2- 74 2- 525 2-1085 2-1807 3- 143
3-1130
RUDIN R
3-1289
RUEDMANN A D
2-1442
RUEGER L J
3- 382
RUGH R
3- 3 3-1168
RUKA R
2-2058
RULING J
1-1874 3- 164
RUMPF P
2- 348 2- 589
RUNDLE R E
1- 211 1- 632 1- 633 1- 764 1-1224
1-1363 1-1369 1-1814 1-1965 2-1378
3- 106 3- 650
RUPERT G N
3-1287
RUSINOV L I
1- 116 3-1937
RUSKIN R
3- 342
RUSSEK A
2- 108
RUSSELL D S
2-1010 3-1510
RUSSELL E R
1- 417 2-1335 2-1863 3-2116
RUSSELL H N
1-1342
RUSSELL O J
3- 119
RUSSELL R S
2-1299 3- 28
RUSSO P E
3-1064
RUTENBURG A M
2-2228 3- 612 3-2072 3-2073
RUTGERS UNIVERSITY
1-1547
RUTLEDGE G P
3- 657
RUTLEDGE W C
2-2141 3- 864 3-1313
RUTTER L
2-2088
RYABCHIKOV D I
1- 707 3- 467
RYLE M
3-1369
RYMER T B
3- 498
RYNASIEWICZ J
1-1117
RYSS I G
2- 436

RYU N
3- 812
RZEWUSKI J
3- 869 3-1780 3-2366

SA A M
3- 320
SACCONI L
2- 360
SACHER G A
1- 13 1- 40 1- 607 1- 613 1-1091
3-1813 3-1814 3-1815
SACHS R G
1-1004 1-1164 2- 231
SACK H S
3- 381
SACK T
1- 380 1- 388 1-1737
SACKIS J
3-1813
SACKS J
1- 386 2- 139 3-1790
SADAUSKIS J
2-2161
SADUGOR M G
3-1859
SAELAND E
3-1540
SAEMMER J J
3- 816
SAFFORD R W
2-1766 3-1918
SAGANE R
3-1247
SAH P P T
1- 923
SAHA A J
1- 330 3-1031
SAHA M N
3- 472
SAHA N K
2-2204
SAILOR V L
2-1620 3- 793
SAINT ARNAUD R J
3- 520
SAKAI M
3-2312
SAKHAROV A D
1-1680 2-1067
SALA O
2-1094 2-2144
SALAMAN M H
1- 242 1-1242
SALANT E O
1-1259 3- 721
SALEEBY R N
3- 375
SALISBURY L F
2- 747
SALISBURY W W
3- 904
SALLEY D J
3- 902
SALOMON K
1-1195 2- 303 2-1021 2-1022 3-1623
SALPETER E E
2- 607
SALPETER J L
2- 792
SALSIG W W JR
2-2155
SALTER W T
2- 664 3- 59
SALVINI G
1- 640 1-1132 2- 100 2-1906 3- 975
3-1564 3-1927 3-2208
SALZGEBER B
3-1512
SALZMAN C F JR
2- 468
SAMOILOV B N
2-1039
SAMOILOVICH D M
3-1686 3-1700
SAMOS G
3-1884
SAMPAIO P A
3-1288
SAMPSON M 3
1- 796 1-1035 3-1716
SAMSON S
2-1040 2-2063
SAMUEL A J
3-1548 3-1549
SANABRIA J M
2- 237
SANADI D R
2- 667
SANDELL E B
2-1594
SANDER K F
2-2122
SANDERS F K
3- 28
SANDERS J H
2- 509 2-1418
SANDERS L A
1- 172
SANDERSON M
1-1314
SANDERSON R T
2- 371
SANDOCK J
2- 186
SANDROCK W E
1- 367
SANDS M L
1- 71 1- 948 1- 948 3-2218
SANTANGELO M
2- 200 3- 337
SARABHAI V
2- 115
SARD A
3-1297
SARD R D
1- 655 2- 114 2-1768 2-2107 3- 121
3-1297 3-2190
SARGENT B W
1-1380 3-1578
SARKISOV E S
1- 635
SARNA H R
1- 74 3-2198
SARSFIELD N F
2-1789
SASAKI M
3-1306 3-1691
SASAKI N
2- 145
SASSA K
3-1838
SASVARI K
2- 461
SATO R
1- 40
SATO Y
1- 375
SAUNDERS B C
1-1784 3- 646
SAUNDERS R A
1-1723
SAVAGE G M
3- 11
SAVAGE H W
2- 148
SAVIN F D
1- 631 2-1354
SAVIT J
2- 480
SAVOLAINEN J
3-1352 3-1674
SAVORNIN A
2-1961
SAWADA T
3-2100
SAWYER C B
1-1845
SAXON D
1- 688 1-1188 1-1474 2-1640 3-1899
3-2016 3-2186 3-2323
SAZYNSKI J
2-2141 3- 884 3-1313
SCHAAF S A
3-2174
SCHACHMAN H K
2-1158
SCHACK J A
3-1639
SCHAFER K
3- 186
SCHAFER W D
1-1272
SCHAFFNER F
3- 614 3- 615
SCHAFROTH R
2- 979 2-2190
SCHAPIRA G
3-2051
SCHARFF-GOLDHABER G
1- 315 1-1703 2- 169 2- 991 2-1136
3-1469
SCHAWLOW A L
2-2146
SCHEDE R W
2-1636
SCHEEN W L
2-1200
SCHEIN M
1- 260 2- 257 2- 915 2-1551
SCHELD H
2-1015
SCHEMINSKY F
1-1049
SCHENCK J
1-1400
SCHENCK R T
3- 131
SCHENCK S G
3- 570
SCHEPARTZ B
3-1808
SCHERAGA H A
3-1729

SCHERB M V
1- 157 1- 331 1- 885 1-1191 1-1706
2- 810 2-1139 3- 189
SCHERER M
3-2306
SCHERRER P
3- 495
SCHIEN M
3- 731 3- 740
SCHIFF L
1- 714
SCHIFF L I
1- 171 2- 272 2-1121 3- 972 3-1241
3-1242 3-2012
SCHILLER A A
3- 668
SCHILLINGER E J JR
2-1828
SCHINZ H R
3- 37 3- 564
SCHLEBERG A D
1- 796
SCHLECHTEN A W
1-1626
SCHLECHTEN Q W
1- 788
SCHLESINGER H I
2- 76 2- 77
SCHLOGL F
3- 939
SCHMIDT A C
3-1358
SCHMIDT C
1-1329 1-1934 2- 664 3- 277
SCHMIDT C F
1- 25
SCHMIDT F H
1- 306
SCHMITZ W
1- 674
SCHNEIDER A
2-2127 3-1111
SCHNEIDER E E
1-1810 2- 779
SCHNEIDERMAN H
2-1262 2-1835 3-1636
SCHOEN H
3- 244
SCHOFIELD H Z
2-1185
SCHOFIELD M
1-1143
SCHOLZ C R
2-1546
SCHONBERG M
1-1423 1-1468 2-1114
SCHORK P K
3- 906
SCHOTTELNDREYER H
3- 914
SCHOUTEN J A
3-2355
SCHOVER D
2-1739 3-1252
SCHRAMM C H
3-1558
SCHREIBER A P
2- 887
SCHREIBER R E
1-1006 1-1160
SCHREK R
2- 25
SCHRENK W G
1-1952
SCHRODINGER E
2- 539
SCHROEDER C A
2-1206
SCHROEDER W A
1-1553
SCHUBERT G
1- 19 1- 33 1- 577 1- 735 3- 269
3-2109
SCHUBERT J
1-1054 1-1534 1-1542 1-1963 2- 407
2-1464 2-1757 2 1863 3- 523 3-1047
3-1084 3-1333 3-2116
SCHULER R H
3- 643
SCHULKE A A
3-1589
SCHULMAN J JR
2- 880 3-2048
SCHULTZ A S
3-1342
SCHULTZ H L
1- 771 1-1870
SCHULTZ M L
1-1370
SCHULTZ R D
3-1866
SCHULTZ W W
2-1095
SCHULZ M D
2-1443 2-1846
SCHULZE A
1- 399
SCHUMAN R P
2-1739 3- 1252
SCHUMB W C
1-1255 2- 439
SCHWACHMEIM G
1-1403 2-1069 2-1563 3-1120 3-1692
SCHWARTZ C M
2- 370 2-1211
SCHWARTZ H M
3- 852
SCHWARTZ S
1- 608 1- 862 1-1227 3- 522
SCHWARTZ S D
3-1097
SCHWARZL F
3-2070
SCHWEITZER G K
2- 433 3-1631
SCHWEYCKART R
1-1285
SCHWINGER J
2- 271 2-1501 2-1653 3-1019
SCHWINNER R
3-1914
SCHWOB C
2-1739 3-1252
SCIUTI S
2- 440 2-1362
SCOPINARO D
3-2083 3-2084
SCOTT J K
1- 606 1-1094 1-1095 1-1096 2- 46
2-1330 2-1512 3- 210 3- 213 3-1049
3-2042
SCOTT K G
1-1092 1-1389 2-1331 3- 938 3-1178
3-1341
SCOTT R B
1- 213
SCOTT R K
2- 881 3-1854 3-1856
SCOTT R L
2- 748
SCOTT T R
3- 323
SCOTT W T
2- 214 2- 959 3- 707 3- 708 3- 825
3-1004 3-1118
SCUDI J V
1- 708
SEABORG G T
1- 542 1- 835 1-1065 1-1066 1-1316
1-1317 1-1838 1-1959 1-1960 1-1962
1-1967 2- 420 2- 620 2- 718 2-1144
2-1215 2-1479 2-1488 2-2031 3- 678
3-1751 3-1752
SEARS G W
2- 133 3- 104 3- 105 3- 339 3- 686
SEASE J W
2- 429
SEATON N T
1-1126 3-1386
SECOY C H
1- 176 1-1225 1-1970 3-1200
SEDLET J
3- 627 3-1538
SEEBOLD R E
2- 161
SEEGMILLER M
3-1382
SEELING C A
3- 237
SEELMANN EGGEBERT W
1- 114 1- 430 2- 925 2-2092 3-1388
SEGRE E
1- 643 1- 879 1-1028 1-1634 2- 844
2- 936 2- 947 2-1226 2-1991 3- 892
3-1161
SEIDL F G P
2-1882 3- 146
SEIDLIN S M
1- 849 2- 664
SEIDLITZ L
3-2024
SEIFERT H S
3- 789
SEIFERT R L
1-1251 3- 105
SEIGLE L
2- 513
SEILER J A
2-1716 2-1739 2-1872 2-1873 3-1252
SEIM H B
2-1752
SEITZ A
1-1044
SEITZ F
1- 891 1-1569 1-1863 2- 157 2- 222
2- 223 2- 224 3-1255
SELIGER H H
1- 160
SELIGMAN A M
1-1736 1-1737 2-2228 3- 612 3-2072
3-2073
SELIGMAN H
3- 329

SELIKSON B
3-1248
SELLE W A
2-1298
SELOVE W
3-1990
SEMON W L
3-1390
SENFTLE F E
2- 518 3- 430
SENGUPTA N D
1-1684
SERBER R
2-1225 2-2142
SEREN L
1-1431
SERGIO P
2-1123
SERIES G W
1-1501
SERIFF A J
3-2193
SERPE J
3-2032
SERRELL F
3-2057
SESSIONS W P
3-1280
SETALA K
1- 415 1-1027
SETHNA R F
3- 265
SETLOW R B
3-1570
SETSUDA T
3-2098
SEVCHENKO A N
2-1745 3-1983
SEVERIN H
3-2151
SEWELL D C
1-1171 2- 777 3-1145
SEYBOLD A U
2- 512 3-1361
SEYMOUR A H
1-1087 2- 27 2-1888
SFORTUNATO T
2- 899 2-1759
SHAFER C L
3-2097
SHAFER J C
3- 545
SHAFER K
2-1798
SHAMOS M H
1- 76 2- 108
SHANLEY T J B
2-1772
SHANMUGADHASAN S
3-1482
SHAPIRO A H
1- 317
SHAPIRO E
2-1843 2-1870 3- 189 3- 487 3-2026
SHAPIRO I S
2-1353
SHAPIRO J J
2-1643 2-1644 3- 214
SHAPIRO M M
1- 991 2- 166 2- 168 2- 385
SHARBAUGH A H
2- 591 2-1724 3- 159
SHARKEY A G JR
3- 293
SHARMA O P
1- 74
SHARPE L M
3- 594 3- 595
SHAVTVALOV L Y
3-1753
SHAW A E
1-1041 1-1714 1-1721 2-1983
SHCHERBAKOVA M N
2-1204
SHEA P C JR
1- 718 3- 275
SHEAR M J
1-1736
SHEDLOVSKY L
1-1553
SHEEHAN J F
2-1322
SHEFNER D
1- 40
SHEFT I
1- 269 1-1833
SHEIN M
3-1232
SHEINBERG H
2- 314
SHEKHTER A B
3-1702
SHELBERG W E
2-1761
SHELINE R K
3-1098
SHELTON S M
3-1216 3-1905
SHEMIN D
1- 363 2- 332
SHEPHERD L R
1-1928 2- 284 3-1411 3-1412 3-1413
3-1414
SHEPHERD M
2- 927
SHEPLER P R
2-1082
SHEPPARD C W
1- 700 1-1212 2- 713 2-1018 2-1887
3- 583 3- 933
SHEPPERD I M
1-1922
SHEREMETIEVA-BRUNST E A
3-1509
SHERK P M
2-1688
SHERMAN D
2- 530
SHERMAN F G
2-1753
SHEROBOKOV M I
3-1300
SHERR R
2-1141
SHERRIFF E V
2-1495
SHERSBY-HARVIE R B R
1-1448 2- 585
SHERWIN C W
3- 890
SHEVLIN T S
2-1758
SHIELDS R B
1- 54
SHILEN J
2-1793
SHIMKIN M B
3- 938
SHINOHARA K
3- 812
SHMUSHKEVICH I M
3-1757
SHMUSHKEVICH J
3-1706
SHOEMAKER F C
3-1221
SHONKA F R
2-1098
SHOOK C F
1-1536
SHORT H G
2- 312
SHORVON L M
2- 985
SHOSTAKOVICH N
1- 443 2-1205
SHOUPP W E
1- 819 2- 783 2-1608 3-1272
SHPINEL V S
1-786
SHREEVE W W
2-1459
SHREFFLER R G
1- 854 2- 285
SHULL C G
1- 311 1- 496 1- 617 1-1262 1-1636
2-2109 2-2128 3-2254
SHULL F B
1-1701 2- 194 3- 488 3- 489 3- 888
SHULYAK B A
3- 124
SHURCLIFF W A
3- 826
SHUTT R P
3- 717 3- 718
SIDHU S S
1- 793 1- 985 1-1859 2-1974
SIEGBAHN K
1- 5 1-1916 2-1268 2-2208 3- 448
3-1140 3-1312 3-2022 3-2314
SIEGBAHN M
1-1918
SIEGEL B M
1- 966
SIEGEL J M
3-1248
SIEGEL S
1- 147 1- 177 1- 311 2-1086 2-2128
SIEGERT A J F
2- 809
SIEVERT R M
1- 637 2- 227
SIFFERT R
2- 396
SIGURGEIRSSON T
2-2097
SIKKEMA C P
2- 174
SILBER P
1-1791
SILBERSTEIN F
2-1514

SILBERSTEIN H E
1- 610
SILKS B
1-1620
SILL C W
1-1966
SILLEN L G
2-1040 2-1665 2-2063
SILSON J E
3- 219
SILVER S D
1-1390
SILVERMAN L B
3- 536 3-1515
SILVERSTONE H
1- 750
SILVERSTONE S M
3- 578
SIMANE C
2- 784
SIMARD G L
2- 466
SIMENAUER A
3-2167
SIMINOVITCH L
1- 62
SIMKIN B
2-2219 3-1072
SIMMONS E L
1- 14 1- 15 1-1765 2- 401 2- 983
2-1176
SIMMONS J W
3- 670
SIMMONS O W
2-1583
SIMOES R L
1- 581
SIMON A
2-1567
SIMON M
1-1274
SIMON N
2- 396 3- 209
SIMON W
3-1101
SIMONS J H
1-1620 2- 473 2- 475 2-1788 3-1556
SIMONS L
3- 985 3-1011
SIMONSEN D H
2- 666
SIMPSON F B
1-1709
SIMPSON J A JR
1- 73 2- 187 3-1376
SIMPSON K
1-1078 3-1545 3-1546 3-1550 3-1551
SIMPSON O C
1- 680 1-1251 1-1440 2-1809 3- 104
3- 105 3-1346 3-1943
SINCLAIR D
2-1575
SINCLAIR W K
2- 552
SINDEBAND S J
3-2146
SINEX F M
3- 61
SINGER L
1- 713
SINGER S F
1-1402 3-1568
SINGER T P
2-2079
SINGLETON R H
3- 497
SINGWI K S
1- 138
SINHA M S
3- 742
SIPE C R
2-1059 2-1126 2-1178 3- 906
SIRY J W
3- 373
SISMAN O
2-1415
SITTE K
2-1425 2-2030
SIZOO G J
1- 128 1- 200 1-1596 3-2003
SKAGGS L S
2-1647 3- 582
SKANAVI G I
1-1808
SKANSE B N
1-1350 1-1740 1-1937 1-1957 2- 664
2-2232
SKAR R C
3-2215
SKIPPER H E
2-1458 2-1862 3- 952 3-1330 3-1800
SKIRMONT E
1- 40
SKRABA W J
3-1882
SKREBOWSKI J
2- 464
SLACK C M
1- 199
SLACK L
2- 192 3- 185 3- 488 3- 489
SLATER J C
1- 818 2-1406 2-1935
SLATIS H
1- 5 1- 329 1-1372 3- 439 3- 448
3-2274
SLATTERY J J
2- 237
SLEATOR W JR
1-1081 2- 377 2- 378 2-2068 3- 716
SLEIGHT N R
2-1481 2-1669 2-1680 2-1683 2-1685
2-1686 2-1687 2-2060
SLOANE R H
1-1451
SLOBODIANSKY E
2- 714
SLOMAN H A
1-1645
SLOSS R
2-2111
SLOTNICK M
3- 855
SLYH J A
1-1773
SMALES A A
1- 589 3-1211
SMART J S
2- 499 3- 150 3-1402 3-2254
SMATKO J S
1-1621
SMEE J F
1-1309
SMIGELSKAS A
1- 122
SMILEY W G
3-1657
SMIT J A
1- 567
SMITH A G
1-1453 3- 670
SMITH A L
1- 192 1- 429
SMITH A T
3- 246
SMITH B C
2- 346
SMITH C
1-1222
SMITH C D
2- 212
SMITH C S
1- 484
SMITH D C
1-1056 1-1722 1-1723 2- 335
SMITH D E
3-1645 3-1812 3-1818 3-1821 3-1823
SMITH D M
3- 302
SMITH F
2- 477 2-1330 2-1512
SMITH F A
1- 753 2-1302 3- 210 3-1321 3-2042
SMITH F M
1-1952 3- 720
SMITH F W
2-1453
SMITH G G
1- 589
SMITH G S
3-2130
SMITH J E
1- 502
SMITH LLOYD
1-1017
SMITH LUTHER
1-1089 1-1245 2-1510
SMITH L W
3- 798
SMITH M J
3- 923
SMITH M L
1-1713
SMITH N M JR
2- 954
SMITH P B
1- 772
SMITH R E
1- 102 1- 572 1-1061
SMITH R V
2- 470 2- 571
SMITH S B
1-1964
SMITH S H JR
2-1763
SMITH T R
2- 855 3- 589
SMITH W V
1-1453 1-1502 1-1729 3- 670
SMITH W W
1- 903 2-2078 3-1171

SMITHERS D W
2-2212
SMOLUCHOWSKI R
2- 160
SMORODIN Y A
3- 977
SMORODINSKY Y
3- 860
SMYTH C P
2- 721
SNAPPER I
3-1056
SNEDDON I N
1- 595 1- 809 2- 781 2-2105 2-2192
3- 479
SNELGROVE A K
3-2183
SNELL A H
1- 961 2- 167
SNIDER R S
1-1239 1-1763
SNOW A S
3- 106
SNOWDON S C
2-1094 3-1967
SNYDER C W
3-1368
SNYDER H
2- 964
SNYDER H S
2-1797 3- 708 3- 798 3- 853
SNYDER J N
3- 369 3-1456
SNYDER L J
1-1254
SNYDER M L
3- 198
SNYDER R H
3-1820
SOBEL E
2- 404
SOFFER L J
3- 617
SOKOLOV A
1- 529 1- 685 1-1686 1-1691 2-1431
SOKOLOV S P
1- 630
SOLEY M H
1- 847 2- 664 2-1278 3- 920
SOLOMIN N V
1- 649
SOLOMON A K
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SOLOMON E
1-1211
SOMMEREYNS G
3-1335
SOMMERMEYER K
3- 517
SONDER R A
2- 921 2-1978
SONETT C P
3- 829
SOODAK H
1- 889
SORENSEN S O C
3-2273
SORKIN E
3- 598
SORNBERGER C F
3- 331
SOSMAN M C
3-1183
SOUTHERN A L
3-1099
SOWDEN J C
2-2093 3-1203
SOYE C
3-2186
SPAA J H
3-2003
SPALDING C K
3- 808
SPANGLER H B
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SPARKS A
1- 606 1-1095 3-1049
SPARROW A H
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SPEAR F G
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SPEDDING F H
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SPEIDEL H
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SPEISER R
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SPENCE H S
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SPENCE J
1-1302
SPENCE N S
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SPENCE R
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SPENCE R D
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SPENCE R W
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SPENCER H M
2- 250
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3- 356
SPENCER W P
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SPERBER E
3-2076
SPERDUTO A
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SPIEGEL A M
1- 425
SPIEGL C J
3-2042
SPIELBERG N
2- 593
SPIERS F W
2-1824 3-1827
SPIERS J A
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SPIGHEL M
3-1704
SPINDEL W
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SPINKS J W T
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3-2056 3-2087
SPINRAD B
3-2324
SPIRO L
1-1769
SPISHAKOFF N M
2-1281
SPITZER E J
1- 702 2- 863 2-1718
SPITZER L JR
3-1116 3-1378
SPIVAK G V
1- 316
SPRAGUE G F
1- 420 2- 46 2- 898 2-1330 2-1512
2-1513
SPRING K H
3-1614
SPRINSON D B
1- 471 2-1732
SPURR R
3-1879
SREDNIAWA B
3-1779
STACH O R
2- 413
STACY R W
3- 758
STADTMAN E R
3- 72
STADTMAN T C
3- 69 3- 72
STAFFORD G H
2- 549
STAKHANOVA N S
1- 622
STAKMAN E C
2- 44
STALLARD H B
3- 47
STANDIL S
2-1599 3-1578
STANFORD C P
2- 166
STANFORD G
3-1505 3-1507
STANG L G
2-1524
STANLEY C W
1- 692 1-1359 2-1520 3-1131
STANLEY J P
2-1274 3- 186
STANLEY M M
1- 249 1- 875 2- 337 2- 664 2-1029
STANLEY-JONES D
3-1367
STAPLE E
3- 80
STAPLETON G E
1- 893 1-1240
STARE F J
3-2061
STARK F M
2- 643
STARKE K
1-1069
STARODUBTSEV S V
2-1820 3-1730
STARR A T
1-1898
STASHKOV G
2-1555

STAUB H H
1-1866 3-2243 3-2311
STAUFFER H M
2-1076
STEADMAN L T
1- 611 1-1226 1-1539 2- 365 2-2113
3-2042
STEARNER S P
1- 40 2- 401 2- 983 2- 984 2-1176
STEARNS M
3-2010
STEELE J M
1-1061
STEELE R
2- 899 2-1759
STEFFEN R
1-1279 1-1477 1-1478 2-1669 3- 887
STEGGERDA F R
2-1508
STEHNEY A F
1-1173
STEIN P R
2- 171
STEIN W H
1-1553 2- 427
STEINBERG B
3-2078
STEINBERG D
3-2302
STEINBERG E P
2-1679 2-1739 2-1864 2-1872 2-1873
2-1874 3- 760 3-1252
STEINBERG H
1- 714
STEINBERG H H
1-1411
STEINBERGER J
1-1003 2-2104 3-2240
STEINGLASS P
3- 504 3- 593
STEINMAURER R
1- 441
STEKOL J Z
3-2055
STELJES E L
3- 610
STELSON P H
1-1732
STENSTROM K W
3- 923
STEPHAN W J
1- 728
STEPHENS W E
1- 497 3-1260 3-2248
STEPHENSON M L
1- 377 1-1055 3- 529
STEPHENSON R J
2-1098
STEPHENSON R M
2- 435
STEPHENSON S E JR
3- 605
STEPHENSON S T
3- 711
STEPHENSON T E
2- 166
STEPKA W
1-1354 3-1080
STEPP R
3- 827
STERETT C C
2-1035 2-1808 3-1103
STERGIOPOULOS C G
2- 291
STERN A W
3- 871
STERN C
1- 44 1- 138 1- 409 2-1055
STERN M O
3- 781
STERN O
2-1367
STERNBERG J
3-2059
STERNBERG R L
2- 167
STERNHEIMER R
1- 792
STETTEN D JR
1- 361 1- 872 3- 603
STEVEN G
2- 494
STEVENS A J
1-1864
STEVENS C D
1- 714 3-1502
STEVENS C M
1- 866 1- 867
STEVENS G W W
1- 339 1-1443
STEVENS R E
3- 681
STEVENS W H
1-1321 3-1314
STEVENSON A C
3-1344
STEVENSON D P
1-1554 3- 315
STEVENSON F R
1-1368
STEWART D C
1-1938
STEWART H C
1-1734
STEWART P
1- 714 3-1502
STEWART R S
3- 705
STEWART W B
3-2067
STEWART W C
3- 113
STILLE U
3-1733
STITES J G
1-1716
STODDARD A E
2-2141 3- 884 3-1313 3-1474 3-2338
STODDART H
3-2216
STOENNER R W
2-1517
STOHR J A
2-1315
STOKES A R
2- 122
STOKES R G
2-1786
STOKINGER H E
1-1094 1-1095 2- 46 2- 109 2- 898
2-1330 2-1512 2-1513 3- 210 3-2042
STOLARSKY F
2-1328
STONE A M
3-1573
STONE P W
3-2063
STONE R S
1- 555 1-1528 2- 306
STOPES-ROE H V
3-2371
STORAASLI J P
2-1891
STORER G S
1-1174
STORY J S
3-2242
STOTLER H H
2-1219 2-1220
STOUGHTON R W
2- 430
STOUT J W
3-1986
STOUT P R
1-1184 1-1958 2- 347 2-1134
STOUT R E
2-2029
STOVALL E J
2- 948 2-1403 2-1619 3-1115 3-2270
STRACHAN C
2- 625
STRAIN H H
2- 904
STRAIT E N
2- 291
STRANDBERG M W P
2- 328 2- 746 2-1723 2-2047 2-2163
STRANG V
3-1644
STRASHEIM A
1-1047
STRASSMANN F
1- 117
STRATTEN J A
1-1904
STRAUBE R L
1- 40 1-1764 2-1026 2-1755 3-1645
3-1812 3-1821 3-1823
STRAUSER W A
1-1632
STRAUSS S
1- 960
STREET J C
1- 629 3- 121
STREET K JR
2- 420 2- 718
STRICK E
3-1239
STROHL A
1- 342 1- 378
STROKE F G
1-1142
STROM L
2-2229
STROMNAES O
3-1513
STRONG J D
1-1640
STRONG L C
3- 12
STRONG P
3- 416 3-1461 3-2324

STROUD W G
1-1400
STRYKER C R
2- 466
STUDIER M H
1-1189 1-1316 2- 957 2-1036 2-2059
2-2194 3- 761
STUECKLBERG E C G
1- 653
STUKENBROEKER G
2- 891
STURKIE P D
2-1058
SUE P
1- 67 1- 925 1-1511 3- 434 3-1540
3-2069
SUEDIN M
2-1313
SUESS H E
3- 993 3-1682
SUGARMAN N
1- 191 2-1000 2-1518 2-1527 2-1534
2-1657 2-1658 2-1659 2-1660 2-1664
2-1665 2-1668 2-1676 2-1684 2-1701
2-1712 2-1739 2-1837 2-1864 2-1868
2-1962 2-1964 2-1989 3- 172 3- 176
3- 784 3- 874 3-1252 3-1604
SUGDEN S
3- 304 3- 305 3- 306 3- 307
SUKHOV L V
2-1424 2-1898 2-1911
SULLIVAN G R
2- 934
SULLIVAN J C
2-1741
SULLIVAN J H
3- 673
SULLIVAN M
3- 575
SULLIVAN W H
1- 190 2-1669 2-1672 2-1683 2-1685
2-1686 2-1687 2-1837 3-1605
SUN K H
2- 783 3-2262 3-2275
SUPPLEE H
3-1172
SURIYONG R
3-2045
SURUGUE J
1- 279
SUSANO C D
1-1745
SUSSEX A G
2- 88
SUTCLIFFE D A
3- 349
SUTHERLAND E W
3-2060
SUTTON H C
2-1576
SUTTON J
2- 356
SUTTON J B
2-1586
SUTTON R W
2-1044
SUWA S
2- 326 3-1410
SUZOR F
3-1265
SVAB V
3- 256
SVARTHOLM N
1- 642 1-1882 1-1883
SVERDLOV Z M
2-1745
SVIHLA G
1-1763 3-1818
SWAN J B
2- 170
SWANBERG H
3- 48
SWANN C P
1- 271 2- 573 2-2153 3-1601 3-1967
SWANN R V
3- 89
SWANN W F G
1- 684 1-1802 3-1234
SWANSON C P
1- 236
SWANSON M
1- 40
SWARTOUT J A
1- 976 1-1162 2-1287 2-1290
SWAZY E F
3- 116
SWEARINGEN J S
2-1433
SWEENEY D
2-1990
SWEET B
1-1736
SWEETON F H
2-1692
SWIFT M N
1- 40 1-1764 2-1175 2-1754 2-1755
3- 208 3-1812 3-1819 3-1821
SWINNERTON C
2- 593
SYDORIAK S G
2- 247 2-1996
SYKORA V
1-1968
SYLVESTER G E
2- 409
SYMONDS N
1- 606,2- 598 3- 864
SYNGE J L
3-1616
SYRKIN Y K
1- 65
SZABO Z
3-1209
SZALAY A
1-1630 1-1894 2-1382
SZELENYI T Z
2-1980
SZILARD L
1- 140
SZWARC M
1-1409

TABERN D L
1- 708
TABERSHAW I R
2-1371 3-1500
TAFT E
2- 253
TAGLIAFERRI G
2-1906 3- 975 3-1564 3-2208
TAHMISIAN T N
1- 40 3-1826
TAILBY S R
3- 305 3- 306 3- 307
TAIT J F
3-1435
TAKETANI M
3-1306 3-1691
TALBOT J M
1-1695 1-1956
TALIAFERRO L G
3- 197
TALIAFERRO W H
3- 197
TALLMADGE F K
2- 893 2-1045 2-1099 2-1634
TAMBURINO S
3-1920
TAMM I E
1-1689
TANBERG J
1-1916
TANFORD C
3-1102
TANGEN R
1- 295 1-1916
TANIKAWA Y
3-2210 3-2211
TANNENBAUM A
1- 750
TANNER W A
3- 919
TANSLEY K
2- 33 3-1510
TAPSELL H J
1- 270
TARNOPOL L
1-1811
TARPEY W
3-1341
TARRANT P
2- 472
TASCHEK R F
1- 979 1-1015 1-1148 1-1161 1-1166
1-1635 1-1646 1-1657 2- 204 2- 975
2-1037 2-1497 2-1615 2-1616 2-1975
2-2151 2-2152 3- 399 3-2238
TATE R E
2-1183
TAUB A H
3-1783
TAUB H
3- 151
TAUBE H
3-1201 3-1869
TAUROG A
2-1157
TAUSCHE P E
3- 375
TAUZIN P
2- 636
TAVARES A
1- 423
TAYLOR A
2- 123
TAYLOR B
1- 26
TAYLOR D
3-2002
TAYLOR F H L
2- 673 3-1809
TAYLOR H A
3-1866

TAYLOR H C
1-1802
TAYLOR J L
2- 903
TAYLOR L S
1- 217 2-1307 3- 540
TAYLOR M
3-1194
TAYLOR R C
3- 692
TAYLOR R O
3- 546
TAYLOR T B
2-1225 2-2142
TAYLOR T I
1- 113 1-1280 1-1585 1-1642 2- 504
2- 525 2-1085 2-1807
TEAS H J
3-1319
TEASDALE J G
3-1141
TEEGAN J A
1-1062 3- 447
TEETER C E JR
1-1775 2- 50 2- 51
TEICH N
3-1932
TEILLAC J
2- 297 2-1642 2-2203
TEITEL R J
1-1140 3-1109
TELEGDI V L
1-1308
TELFORD R E
3- 82
TELLER E
1-1891 2- 977 2-1564 3- 469 3- 739
TELLEZ-PLASENCIA H
2- 806
TENNER O M
3-1418
TEMPLE K L
3- 297
TEMPLE R B
2- 131 2- 135 2- 474
TEMPLETON C C
1- 256 3- 648
TEMPLETON D H
1-1892 2-1077 2-1336 2-1402 2-2028
3- 81 3- 649 3-2143
TENDAM D J
3-2024
TENNEY G H
1-1328 3-2170
TERENTEVA E A
3- 667
TER HAAR D
1- 514 1-1080 2-1376 3- 158 3- 285
3-1239 3-1925
TERLETSKII Y P
2- 448 3-1158
TER-POGOSSIAN M
1-1325 2-2023 2-2202 3- 645 3-2332
TERRACOL J
3-1531
TERRY R
1- 367
TESSMER C F
2-1656 3-1043
TETENBAUM S J
2- 754
TEUCHER M
2-1804 3-1951
TEVEBAUGH A D
1-1369
THAMER B J
1- 96 1- 325
THELLUNG A
1-1886
THEWLIS J
3- 147
THIBAUD J
2- 972 3- 659
THIERS R
1-1349
THIRRING H
3- 192 3-1769
THODE H G
1- 63 1-1283 1-1595 2-1271 3- 386
3- 642 3-2225
THOMAS A
2- 198
THOMAS C D
3- 431
THOMAS C O
3-1296
THOMAS E
2- 235
THOMAS H A
1- 783 2-1610 2-1979 3- 141 3-1433
THOMAS H C
1-1553 1-1671
THOMAS J G N
2-1748
THOMAS R
3-2370
THOMAS R G
3- 155
THOMAS R L
2- 314
THOMAS W D E
3- 616
THOMAS W L
3-1516
THOMASON P F
2- 353
THOMMERET J
3-2184
THOMPSON A S
2- 22 2-1409
THOMPSON E A
3- 582
THOMPSON E C
1- 903
THOMPSON H E
1- 611
THOMPSON H W
2- 131 2- 135 2- 474
THOMPSON J G
3-1527
THOMPSON M V
1- 904 3- 512
THOMPSON P E
1-1057 3- 63
THOMPSON R C
1-1014 2-1342 2-1614
THOMPSON R W
1- 930
THOMPSON S
3-1892
THOMPSON S G
2-1477 2-1480 3- 878
THOMPSON W B
3-1707
THOMSEN E G
1-1846
THOMSON D L
1- 582
THOMSON G
1- 178 3- 744 3-2202
THONEMANN P C
2- 509
THORN R J
1- 680 3-1346
THORNDIKE A M
2-1766 3- 717
THORNHILL C K
3- 479
THORNTON R L
1- 728 1-1171
THORP J S
3- 379
THREEFOOT S A
2-1025 2-1030 2-1468 3- 68 3- 463
3-1081
THULIN S
3-1249 3-1936
THURMOND C D
1-1364 1-1365 1-1366
TICHENOR R L
3-1102 3-2156
TICHO H K
1-1001 2- 90
TIETZ L
2-1338
TIFFANY O L
2-1568
TIKHONOVA L
1-1582
TILLISCH J H
3-2099
TIMMA D L
2-1717
TING YU
2- 593
TINKER J F
2-1764
TINKLEPAUGH J
2-1515
TINLOT J
1-1800 2- 455 2-1188 2-1190
TIOMNO J
2-2002 2-2095 2-2099 3-1426 3-1695
TIRATSOO E N
2- 246 3- 338 3-1105
TISHKOFF G H
3- 596 3-1798
TISZA L
3-1984
TITORCHOOK W H
3- 756
TITOV E M
1- 55
TITOV N E
3- 894
TITTERTON E W
3-1275 3-1422 3-1577 3-1594
TITTLE C W
1-1864
TOBEY A R
2-1775
TOBIAS C A
1- 419 1- 419 2-2082

TOBIN N
3-2204
TOBIN R A
2- 233
TOCHILIN E
3- 427
TOD M C
3-1855
TODD F C
3- 382
TODD N R
3-1665
TOERGE W F
2- 158
TOKOS J V
1-1254
TOLANSKY S
1- 156 1- 799 2-2246 3- 322
TOLBERT B M
1- 923 1- 947 2- 340 2-1344 2-1761
3-1199 3-1667
TOLLEFSON C I
1- 862
TOLLESTRUP A V
3- 774 3-1417
TOLMACHEV Y M
2-2062
TOLMAN R C
3-1681
TOLMIE J R
3-1551 3-1552
TOMBOULIAN D H
2- 870
TOMKINS F S
2-1301 3- 75 3- 669
TOMLIN D H
3-1607
TOMONAGA S-I
3- 360
TOMPKINS E R
1- 619 2- 69 2- 424 2-1523 2-1530
3- 950 3- 953 3-1089
TOMPKINS P C
1- 454 2-1284 2-1288 2-1529 2-1530
2-1535 3- 639 3-1462 3-1537 3-1749
3-2090 3-2091
TOMPSON S G
3-1751
TONGIORGI-COCCONI V
SEE COCCONI-TONGIORGI V
TOPPER Y J
2-1462 3- 95 3- 944
TORI G
3-1643
TOTI A
3-1526
TOUSCHEK B
3-1609 3-2028
TOUSCHEK B F
1- 595 1- 809 2-2105
TOWNE E B
2- 126
TOWNES C H
1-1155 2- 327 2-1213 3-1561 3-1562
3-1744 3-1745 3-1940 3-1942
TOWNSEND J
1- 691 1-1030 1-1450 2- 194 3- 849
TRABACCHI G C
2- 773
TRACY E M
2-1005
TRACY J
3- 395
TRACY J F
3- 770
TRAENKLE H L
3- 928
TRALLI N
2-1270
TRAUM J
1-1352
TRAUT H F
2-2034
TRAUTMAN W V JR
2-1152
TRAYNARD P
2- 871
TREACY P B
1- 997 1-1748
TREAT J E
1-1567
TRICE J B
1-1775 2- 50 2- 51
TRIDOT G
3-2162
TRILLAT J J
1-1490
TRISCHKA J W
1-1504
TROTT J C JR
2- 47
TROUT E D
3-1186
TROY W C
2- 494
TRUCHAN A
1-1589
TRUJILLO T T
3- 196
TRUMP J G
1- 36 1- 743 2- 794 3- 912
TRUMPY B
1-1480
TRUNNELL J B
1-1935 2- 664 3- 262
TSANDER A F
2- 660
TSIEN H S
1-1527
TSIEN S T
1- 169 1- 665
TSIRELSON E A
1- 220 1-1520
TSUZUKI M
1-1249
TSYGANOVA P A
2- 654
TSYNKINA V M
1- 647
TSYRLIN V
1-1563 2-1557
TUCK J L
1-1900
TUCKER C W JR
3-2158
TUCKER W
1-1224
TUI C
3- 599
TULLIS J L
2- 36 2-1656 3-1043 3-1175 3-1829
3-2079 3-2086
TULSA PUBLIC LIBRARY
1- 679
TUNG L-H
3- 291
TUNNICLIFF P R
1- 682
TUPPER R
3-276
TURGEL R S
2-1607
TURKEL S H
1-1431
TURKEVICH A
2-1477 2-1964 2-1968 2-2241 2-2242
3-1131
TURKEVICH J
1-1211 2- 907 2-1065 3- 654 3-1879
3-1885 3-1886 3-1892
TURNBULL D
1- 488 1- 967 2- 513
TURNER A A
2- 413
TURNER C M
2-2154 2-2196 3- 750 3-1146 3-1741
TURNER J F
3-2335
TURNER R C
2- 552
TURNER R S
3- 288
TUTHILL S M
1- 913
TUTIN J
3-1785
TUTTLE W A
3- 718
TWEEDY W R
3-1806
TWISS R Q
2-1095 2-1407
TWYMAN F
1- 432
TYABLIKOV S V
1-1579
TYLER P M
1-1623
TYLER S
1- 40
TYREE E B
1- 40 1-1764 2-1755 3-1645 3-1812
3-1819 3-1821 3-1823
TZOU K H
2- 274
TZU H Y
3-1231

UDENFRIEND S
1- 434 3- 262
UDY M C
2-1221 2-1582 3-2182
UECKER D F
3-1244
UEHLINGER E
3- 37
UGAROV V A
2- 238
UHLIG H H
2- 87 3- 966
UHLMANN E M
2-1847
ULAM S
1- 823 1- 824 2-1622 3- 415

ULASOV N A
3- 986
ULLRICH F W
3- 906
ULLRICH T W
2-1656
ULRICH A
2- 347
UNANDER-SCHARIN L
3-1071
UNCAPHER R P
2- 26 3- 903
UNDERWOOD A L
3- 632
UNDERWOOD E E
2-1150
UNDERWOOD G B
2- 399
UNDERWOOD N
1-1592 1-1600 1-1871
U N ATOMIC ENERGY COMM
1-1296 1-1761 1-1795 3- 422
U S AIR FORCE
3- 521
U S ARMY MANHATTAN ENGINEER DISTRICT
2- 18
U S ATOMIC ENERGY COMMISSION
1- 457 1- 890 2-1283 3-1910 3-2095
U S BUREAU OF MINES
1-1620 1-1626 1-1850
U S BUREAU OF STANDARDS
1- 500 1-1704 1-1725
U S DEPT AGRICULTURE
3-1174
U S DEPARTMENT OF STATE
2- 85
U S FAR EAST ARMY COMMAND
1-1943
U S GEOLOGICAL SURVEY
3-1910
U S LIBRARY OF CONGRESS
1- 387
U S NAVAL MINE DEPOT
1-1750
U S NAVAL RESEARCH LAB
1-1722 1-1723
U S NAVY DEPARTMENT BUMED
2-1794
U S OFFICE OF MILITARY GOVERNMENT
1-1535 1-1544 1-1621 1-1623 1-1645
1-1899
U S OFFICE OF NAVAL RESEARCH
1-1929
U S PUBLIC HEALTH SERVICE
2- 487
U S SPECIAL WEAPONS PROJECT
1-1758
U S STRATEGIC BOMBING SURVEY
2- 19 2- 136
UNSOLD A
1-1376 1-1455 2-1907
UNTERBERGER R R
1-1729
UPHOFF D E
2-1055
URBAN P
1- 515 2-2070
URETZ R B
3-1376
UREY H C
2- 150 2- 257
URQUHART K J
2-1934
URIE R W
2- 865
URRY W D
2- 482 2-1920 3-1360
USSING H H
2-2227

VAISENBERG A
1-1562
VALADARES M
2- 630 3- 900
VALATIN J G
1-1678 3-1305 3-1493 3-1620
VALE J
3-1145
VALENTINE W N
1- 24 1- 418 1-1241 2-1320 2-1889
3-1042
VALLADAS DUBOIS
3-2152
VALLARTA M S
2- 451 2-1776 3-1687
VALLEE B L
2- 342
VALLERY-RADOT P
2- 861
VALLEY G E
1-1130 2- 912 2-1768 3- 726
VAN ALLEN J A
2- 732
VAN BERGEN F
2- 602
VAN CLEAVE C D
2-2081
VANCOUR R P
3-2200
VAND V
1-1516
VAN DE GRAAFF R J
1- 743 2- 687 2- 794 2- 852
VAN DEN BERG G J
3-1897
VAN DEN BOSCH J C
3-1896 3-1897
VANDER HAAR R W
2-2090
VAN DER WERFF J T
3-1039 3-1188
VAN DYKE D C
3- 937
VAN DYKE H B
1- 708
VAN ECK-VERMANDE G J
2-1056
VAN HOESEN D
2- 480
VAN HOVE L
3- 169
VAN MIDDLESWORTH L
2-1328 3- 644 3-1191
VAN NAME F W JR
2- 847
VAN ORDSTRAND H S
3- 212
VAN PATTER D
1- 168 3-2337
VANPEE M
3- 955
VAN ROODEN C S W
3-1994
VAN ROSSUM L
3- 775 3-1154
VANSELOW W
2-2174
VAN STEKELENBURG L H M
1- 567
VANSTRUM P R
1- 81
VAN TIGGELEN A
3- 314
VAN VLECK J H
1-1809
VANVOORHEES S N
2-1993
VAN VOORHIS S N
1-1382
VAN WINKLE Q
2- 987 2-1614
VASLOW F
2-1031
VAUTHIER R
3-1245
VAYNRIB Y A
1- 316
VAZE G H
1- 69
VEALL N
1- 639 2-2054
VEINBERG T I
3-1982
VEKSLER V
1- 72
VELASCO F
2- 719
VELASQUEZ T
2- 45
VENABLE W M
1- 256
VENKATESWARLU P
1-1234 2- 382
VERDE M
1- 516 2- 107 3- 988
VERHOOGEN J
3-1912
VERMAESEN L
1- 145
VERMEULEN T
1-1909
VERNOV S N
1- 630 1- 631 2-1349 2-1354 2-1366
2-1914 3- 977 3-1688
VERZUH F M
3- 377
VESTERMARK T
2- 154
VIAL J
2- 630
VIALE L
3-1831 3-1832 3-2074 3-2083 3-2084
VIALLARD R
3- 308
VICTOREEN INSTRUMENT CO
3-2291
VICTOREEN J A
1-1374 2-1252 2-1932
VIDALE M
3-1232
VIEHBOCK F P
3-1705
VIENS G E
2- 764

VIER D T
1-1370
VIGNERON L
3-1953
VIGUIER G
3-1615
VILLAR G E
2- 367
VILLARS F
1-1686 3-1772
VILLEE C A
2- 714 2-1856 3- 609
VINEYARD G H
1-1754
VISSCHER M B
3-1807
VITALE J A
2- 912 3- 726 3-1738
VLADIMIRSKI V V
1-1560
VLASOV N A
1- 220 1-1520
VOEGTLIN C
1-1768
VOGLER H
3- 548
VOGT A
3- 34 3- 51
VOIGT A F
1- 96 1- 134 1- 325 2-1481 2-1895
2-2060
VOISIN A
2- 745 3-1736
VOLKENSHTEIN F F
1- 314
VOLKOFF G
1-1379
VOLKOFF G M
2-2189 3- 480
VOLKOVA V Y
1- 707
VOLKRINGER H
3-2152
VOLLERNER N F
1- 97
VON EULER H
1- 245 1- 863
VON FRIESON S
1-1916
VON HIPPEL A
3-1979 3-2145
VON SALLMANN L
3- 274
VONSOVSKY S
2- 818
VON UBISCH H
1- 494 1-1295 2-2066 3-2171
VON WEIZSACKER C F
2-2073
VORISEK J
1-1968
VOSBURGH G J
1- 384 1- 917 3- 272
VOSKUIL W H
2- 769
VOSKUYL R J
1- 264
VOTER R C
2-2090 3-1197
VOTRUBA V
1- 319
VOYVODIC L
3-1371
VREELAND F K
1-1726
VULCANI B E
1- 394

WABER J T
1- 927
WACHSMANN F
3- 509
WADA I
2- 423
WADA W W
2-1830
WADDEL R C
2- 233
WADDELL J S
1- 975 2-2137
WADEY W G
2- 621
WAFFLER H
1-1483 2- 295
WAGGAMAN W H
1- 280
WAGNER C D
1-1554 3- 315
WAGNER E
3- 548
WAGNER G
3-1363
WAGNER N
3-1381
WAHL A C
1- 879
WAHL I
2- 44
WAHLBERG T
3- 41
WAHLIN H B
1-1347
WAINWRIGHT W W
2-1002
WAKEFIELD E H
2- 221 3- 160
WAKISAKA G
3-2098 3-2102
WALCHER W
1- 476 1- 477 3- 139
WALCHLI H E
3-1123
WALDMAN B
2-1269 2-1828
WALEN R J
2- 843 3- 184
WALKER D
2- 287 3- 162 3- 881 3-2021
WALKER L A
2-2084
WALKER R L
1- 838 1-1893 3-1453
WALKINSHAW W
1-1447 2- 585
WALLACE H JR
3- 523
WALLACE J
1- 608
WALLACE J R
1- 141
WALLACE J W
1-1637 2-1390
WALLACE P R
1- 135 2-1602
WALLER I
1-1916 3-2241
WALLHAUSEN C W
2-1381
WALLING C
1- 877
WALLMARK T
2- 156
WALLON E
3-1517
WALSH K A
1- 975 2-2137
WALSH T G
3-1916
WALTERS F M
3- 703
WALTHARD B
3-1067
WALTNER A
1-1319 1-1320 2-1842 3- 182
WALTON G N
3-1329
WALWORTH H T
3-2046
WAMBACHER H
1- 627
WANG K C
2- 106
WANTA R C
2-2113
WAPSTRA A H
3-2258
WARD A G
1- 103
WARD A H
2- 287 3- 881
WARD C W
3- 692
WARD E
1-1330
WARD J J
2- 928
WARD R
2-1735
WARD R O
2-1146
WAREKOIS E P
2- 124
WARF J C
1-1367 2- 355 2-1043 2-1304 2-1448
2-1492 2-1749 3-1090 3-1333 3-1656
WARMINSKY R
3- 828 3- 842 3- 851 3-2303
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1- 104 2-1104
WARNER J C
3-1676
WARREN S
1- 410 1- 857 2- 655 3- 26 3- 228
3-1040 3-1839
WARREN S L
2- 257 2-1295
WARSHAW S D
2-1500 3-1560
WARTMAN F S
2-1590
WASHBURN H W
1- 462

WASHINGTON UNIVERSITY
2- 597
WASS S H
3-1851
WASSENAAR T
2- 134
WASSERMAN L R
1-1512
WATAGHIN A
1-1403 2-1069 2-1563 3-1692
WATAGHIN G
1-1618 2-1070 2-1563 2-1565 3-1692
WATANABE S
2- 608 3-1309
WATERHOUSE C
3- 19
WATERMAN G W
2-1005
WATERS W A
3-1873
WATKINS A L
3-1041
WATKINS D A
2- 965 2-1823 2-1924 3- 425
WATSON B B
1- 6 2-2207
WATSON C D
3-2091
WATSON C J
3- 607
WATSON H H M
2-2158
WATSON K M
1-1687 2- 269 2-2188
WATSON W E
2- 435
WATSON W H
1-1862
WATSON W W
1- 478
WATT C S
1-1451
WATT G W
2- 434
WATT I M
3- 383
WATTENBERG A
1-1187 3- 765 3-1946 3-1949
WATTERS J I
2-1336 3- 879
WATTS R J
2-2118 3-2305
WAX N
2-1630
WAY K
1- 194 1- 652 1-1165 1-1638 2-1383
WAYTE A B
3- 258
WEATHERWAX J L
2-1058
WEAVER B S
1-1550 2- 148 3- 173
WEAVER J M
3-1974
WEBB A H
3-1632
WEBB B H
3-1654
WEBB J H
1-1152 1-1302 3-1156 3-1438 3-2314
WEBER A H
1- 137 2-1088 3-1944
WEBER C E
1-1591
WEBER J JR
1-1826
WEBER P M
2-1211
WEBER R P
2-1508
WEBSTER H C
1- 340
WECHSLER M T
1-1360 2-2110
WEGHAUPT K
3-1078
WEGMULLER F
1- 842
WEHNER P
3-1872
WEIDLER R C
2- 593
WEIGL J W
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WEIGLE J
1-1261 2- 408
WEIL A S
1-1348
WEIL J W
3- 971
WEINBAUM S
1-1851 2-1083
WEINBERG A M
1- 132
WEINSTEIN M
2- 610 3-2030
WEINSTOCK B
1- 215 1- 922 2-1997 3-2213
WEISBLATT H
3-1336
WEISS G
1- 57
WEISS H G
1- 89 1- 993 3-2233
WEISS K
3-2055
WEISS M T
2-2163
WEISS P R
2- 587
WEISSBOURD B B
2-1413 3- 627
WEISSENBERG A
2-1201 2-1203
WEISSKOPF V F
2-2012 3- 867
WEISSLER A
3- 637
WEISSMAN I A
2-1817
WEISZ P B
2- 561 2-1645
WEITH A J JR
3- 902
WELANDER A D
1-1087 2- 27 2-1888
WELCH A J E
1- 123
WELIN S
3- 248
WELKER H
2- 762
WELLBORN W W
1-1260
WELLS J C
3-2037
WELTON T A
1-1921
WEMPLE E L
3- 118
WENDER I
3- 294 3-1893
WENT J J
2-1621
WENTINK T JR
2- 328 2-1723 2-2047 3-1955
WENTZEL G
1-1920 3- 368 3- 743 3-1776 3-2353
WERNER G K
1- 458
WERNER L B
1- 878 3- 317 3-2155
WERNER S C
1-1329 1-1934 3- 277
WERNER W C
2- 664
WERNIEK J H
2- 761
WESENBERG C
3-1151
WESOLOWSKI J
2- 218
WESSEL W
3-1024 3-1488
WESSON L G JR
3- 602
WEST D
1- 882
WESTBROOK J A
2- 84
WESTCOTT C H
2- 584 3- 455
WESTENDORP W F
3-1424
WESTERN F
1- 945 2- 989
WESTFOLD K C
3-1303
WESTINGHOUSE RESEARCH LAB
1-1404 1-1645
WESTOO R
2- 205
WESTRUM E F JR
1-1218 2-1333 2-1373 2-1483 2-1484
2-1485 2-1486 2-1487 2-1533 3-2321
WEXLER S
1-1858 2- 570 2-1234
WEYMOUTH P P
1- 419
WHALING W
2-1392 2-1618
WHALLEY W B
2- 128 2- 129 2- 130
WHEELER J A
2- 257 2-1772 2-2002 2-2095 2-2099
2-2106 3-1426 3-2342
WHEELER J E
3- 621
WHIDDINGTON R
1- 599
WHIPPLE F L
3-1117

WHIPPLE G H
1- 367 3-1797 3-1798 3-2067
WHITCHER S L
3-1665
WHITE A E
1-1847
WHITE C M
3- 936
WHITE G K
2-2170
WHITE J
3- 96
WHITE J H
3-2062
WHITE J R
1-1840 3- 418
WHITE L JR
2-1458 3- 435 3-1330 3-1800
WHITE M G
2-1141
WHITE M R
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WHITE R S
3-1224
WHITE W
2- 714
WHITEHEAD W D JR
1- 884 2-2071
WHITELEY A
2- 714
WHITEWAY S G
3- 604 3-1804
WHITING A R
3- 704
WHITMORE F E
2-1647 3-2272
WHITNEY I B
3-1631
WHITTAKER J L
2- 817
WHITTEMORE O J JR
1- 911 1- 912 2- 417
WHYTLAW-GRAY R
3-1932
WIBERG E
2- 78
WIBERLEY S E
3-1352 3-1874 3-1880
WICHTERMAN R
1- 232
WICK A N
3- 64
WICK G C
2-1605 3-2240
WICKERT K
1- 928
WIDEROE R
1- 531
WIDNER W R
3-1051
WIEBE W
1- 674
WIEDENBECK M L
1- 90 1-1043 2- 188 2-1140 2-2167
WIEGAND C E
1- 769 1-1028 1-1634 2- 197 2- 844
2-1226 3-1254
WIELAND K
2-1017
WIESKE C W
3-1553 3-1554
WIGGINS E J
1-1383
WIGGINS G N
3- 302 3- 303
WIGHTMAN A S
2- 605 3-1227
WIGNER E P
1- 194 1-1166 1-1757 2- 257 2-1973
3-1767 3-1781
WIJNEN J
3- 314
WIKEN T
2-1155
WILBUR K M
3- 597
WILCOX H A
2- 383
WILDE W S
1- 384 3- 272 3-1501
WILES A P
2-1695
WILEY H F
3-2231
WILHELM H A
1- 356 3-2142 3-2177
WILK M B
3-1204
WILKENSON W
2- 189
WILKINS J E JR
1-1166
WILKINS J J
2- 785 3-1422 3-2280
WILKINSON C A
1- 614 3- 791
WILKINSON D H
2- 196 2- 536 2- 540
WILKINSON G
1-1277 2- 638 2- 992 2-1014 2-1438
2-1449 2-1691 2-2027 2-2222 3-1605
WILKINSON K J R
1-1898
WILKINSON R
2-1673
WILKINSON R G
1- 837 2- 995
WILLARD J E
2- 570 2- 604 2-1272 2-2058 3-1396
WILLEY R A
1-1327
WILLIAMS A I
1- 335
WILLIAMS C
1-1146 2- 393 2-1053
WILLIAMS C C
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WILLIAMS C M
3- 529
WILLIAMS C R
1- 49 1-1624
WILLIAMS D
2- 565 2- 593 2- 778 2-1231 3-1403
3-1720
WILLIAMS E
2- 575
WILLIAMS E F
1-1345
WILLIAMS F C
2-1165
WILLIAMS F V
2-1919
WILLIAMS I G
2- 308 3- 552
WILLIAMS J H
1-1081 2- 377 2- 378 2- 893 2-1045
2-1634 2-1803 2-2068
WILLIAMS M C
3-1283
WILLIAMS M M D
2- 646
WILLIAMS N T
3- 299
WILLIAMS R JR
2- 57
WILLIAMS R H
3-2054
WILLIAMS R M
1- 522
WILLIAMS R R JR
1- 158 2- 432 2- 570 3- 643
WILLIAMS R W
1-1804 2- 459
WILLIAMS S C
1-1943
WILLIAMS W L
3- 113
WILLIAMSON M
1- 534
WILLIAMSON R M
3-1163
WILLOUGHBY A B
2- 208 2-1419
WILLS J H
2- 410
WILMAN H
1-1813
WILMARTH T E
3- 417
WILNER T
3-1213
WILSON A S
1- 211 1- 632 1-1363 1-1369 1-1965
3- 106 3-1869
WILSON C W
1- 83 3- 40 3- 450 3-1510
WILSON H A
1-1153 1-1154 2-1118 3-1563 3-2257
WILSON H B
2- 409
WILSON H W
3- 689
WILSON I B
1-1509
WILSON I L
2-1601
WILSON K
3-1511
WILSON M J
2-2174
WILSON M L
1- 710 1- 711 1-1057 3- 63
WILSON P W
3- 62
WILSON R
1-1012 2-1395 3-1468 3-1718
WILSON R N
3- 221
WILSON S A
1- 421 2- 750
WILSON S C
3- 219

WILSON W
1-1122
WILSON W A
1-1820
WIMETT T F
3- 780
WINAND L
2- 966
WINCHESTER C F
2- 41 3-1833
WINCKLER J R
1-1400 3- 723
WING G M
2-1802
WINGET R H
3-1336
WINGO W J
2-2052
WINN E B
1-1281
WINNICK T
1-1214 1-1215 2-2230 2-2236 3-1324
WINOGRADOFF N
2- 969
WINSBERG L
1- 146 1- 985 1-1859 2- 647 2-1706
2-1707 2-1739 2-1872 2-1873 2-1874
2-1969 2-1974 3-1252
WINSCHE W E
2- 393 2-1053
WINSLOW G H
1- 680 3-1346
WINTER W
3- 193
WINTERINGHAM F P W
3-1446
WINTNER A
3- 862
WINZLER R J
1- 712
WISCONSIN UNIVERSITY
1- 370
WISE C S
3-1041
WISEMAN B K
1- 353 1- 558
WISH L
2-1529 2-1635 3-1198 3-1207 3-1462
3-1749
WITHNER C L
3- 942
WITHROW J E
3-2170
WITHROW R
1- 40
WITNER E E
1-1561
WITSCHONKE C R
3- 343
WITTEBORT J I
1- 951
WITTEN B
2- 438
WITTENBORG M H
3- 574
WITTY R
2-1578 2-1867 3-1900
WOHLFARTH E P
2-1117 3-1215
WOHLHUTER M
3-2165
WOISLOWSKI S
1- 759
WOLF B S
2- 639 2-2113
WOLF K P W
3-2329
WOLF M J
1-1252
WOLFE J J
3- 565
WOLFE J K
3- 397
WOLFE R D
1- 670 2-1305
WOLFE W C
3-1883
WOLFENSTEIN L
3- 795 3-1395
WOLFF E
3-1512
WOLFF J
1- 385
WOLFSON W Q
3- 281
WOLKEN J J
2- 338 3- 9
WOLLAN E O
1- 496 1- 617 1-1262 1-1636 1-1640
2-2109
WOLMAN A
2-2116
WOLOCHOW H
3-2140
WOLTER F J
2-1481
WOLTZ P J H
2-1208
WOO P L
2- 923
WOO Y H
3- 189
WOOD C A P
3- 260
WOOD H G
2-1459
WOOD J K
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WOOD J L
1- 866 1- 867 1-1052 3- 644 3- 647
WOOD J W
3-1883
WOOD N F
1-1601
WOOD P
2-1578
WOOD W A
1- 270
WOODBURNE A R
3- 206
WOODBURY D M
2-1755
WOODCOCK R F
2-2123 3- 135
WOODIN A M
2-2231
WOODS S B
3- 813
WOODWARD L L
1-1482 1-1705 2- 220 2- 295 2- 299
WOODWARD W M
3-1274
WOODYARD J R
1- 306 1- 821 2-1405
WOOLF W E
1-1592 3-1948
WOOLLEY R H
3-1561
WOOLLEY R V D R
2- 390
WOOSTER W A
1-1575
WOOTEN L A
1- 926
WORDEN A N
1- 253
WORMALL A
1- 395 3- 276
WORNER H W
1-1428 3- 702
WORRELL F T
2-1933 2-1952
WORTH D C
2-1801
WORTHY T S
3- 646
WOUTERS L F
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3-1555
WRIGHT C S
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WRIGHT D A
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WRIGHT G M
2-2008
WRIGHT H P
2-1297 3- 271
WRIGHT I F
2-1615
WRIGHT J M
2-1481 2-2060
WRIGHT S C
1- 671 3- 142
WRIGHTSON F M
1-1211
WRIGLEY A N
3- 298
WROUGHTON D M
1-1393
WU C S
1- 92 1- 93 1- 94 1-1181 1-1475
2- 74 2- 282 2- 617 2- 618 2- 619
2-1131 2-1437 2-2003 2-2021 3-1742
3-1743 3-1744 3-1745 3-1746 3-1747
WU T Y
3- 484
WYARD S J
3-2005
WYATT D G
2-1110
WYCKOFF H O
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WYLIE A W
2- 865
WYLY L D
2-1620 3-1273 3-1715

YADAV H N
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YAEGER R G
1- 612

YAFFE L
1- 151 1- 473 1-1278 1-1322 1-1873
2- 627 2-1599 3-1544 3-1578
YAGLOM A M
3-1157
YAGODA H
3-1711 3-1737
YALE UNIVERSITY SLOANE PHYSICS LAB
1-1700
YALOW A A
1- 849
YAMADA H
3-2102
YAMAGUCHI S
1- 448
YAMAGUCHI Y
3- 725
YAMAKAWA K A
2-2097 3- 849
YAMASOBA Y
3-2100
YANG C N
1-1375 2-1554
YANKO W H
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YANKWICH P E
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3- 674
YATES J G
2-2122
YATSIMIRSKII K B
2-1849
YAW K E
2- 900
YEARIAN M J
1- 915
YEATER M L
3-1290 3-1457 3-1587
YEE H
1- 711
YERKES L A
1- 788
YEVICK G J
3- 166
YNTEMA J L
1- 200
YODA T
3-2102
YOHALEM S B
1-1512
YORK H F
1- 817 1-1634 2-1226 3- 709 3- 766
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YOUNG E G
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YOUNG L
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YOUNG R W
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YOUNGKEN H W JR
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YU F C
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YU P N
1-1969
YU S H
2-1785
YUAN L C L
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YUDOWITCH K L
2-1170
YUILE C L
3-1797 3-1798 3-2067
YUKAWA H
3-1304 3-1690
YUN-KUEIHSU
2- 283
YUTSIS A P
3-1766

ZABEL C W
2-1953
ZACHARIASEN W H
1- 446 1- 447 1- 584 1- 585 1- 587
1- 588 1- 590 1- 721 1- 722 1- 723
1- 762 1- 763 1-1067 1-1072 3- 665
3- 666 3- 677
ZAFFARANO D J
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ZAJAC B
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ZAR J L
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ZAREM A M
2- 210
ZATSEPIN G T
1-1564 2-1197 2-1360 3- 973 3- 974
ZECHMEISTER L
1-1553
ZEDLER R E
3- 287 3- 827
ZELDES H
2-1667
ZENER C
1-1263
ZERAHN K
1- 112
ZERFOSS S
2-1112 2-1786
ZHDANOV B
1-1582
ZHDANOV G B
2-1071 3-1569 3-1699
ZIEGLER W T
1- 855
ZILVERSMIT D
1- 573
ZIMENS K E
3-1128
ZIMMER K G
1-1653 2- 34
ZIMMERMAN J R
2- 565 2- 593 2- 778 2-1231 3-1403
ZIN G
3-1622
ZINGESER P K
3- 341
ZIRKLE R E
1-1240 3- 207 3-1045 3-1817 3-1825
ZIZZO S G
3-1593
ZOLLERS S M
2-2111
ZORN E M
3-1806
ZUBER K
1-1877 3-1013
ZUMWALT L R
2- 663 3-2295
ZUNTI W
1-1308 1-1477
ZUPPINGER A
3-1067 3-1074
ZWANIKKEN G C J
2-1168
ZWIEBEL M
2- 907 2-1065

CUMULATIVE SUBJECT INDEX

For each reference the digit preceding dash is the volume number and digits after the dash the abstract number. Where it is believed that the grouping of references under large subject headings would prove useful, this has been done as well as listing the references under minute, detailed entries. Thus references listed under Radiation Detection Instruments will also be found under the appropriate specific radiation detection instruments which are listed as "see also" entry under Radiation Detection Instruments.

ABDOMEN
-- EFFECTS OF RADIATION ON
3- 208
ABSORPTION OF RADIATION
SEE SUBHEADS ABSORPTION UNDER SPECIFIC PARTICULATE AND WAVE RADIATION AND RADIATION ABSORPTION BY UNDER SPECIFIC ELEMENTS
ACCELERATORS PARTICLE
SEE ALSO ELECTROSTATIC GENERATORS AND MAGNETS
-- AUXILIARY EQUIPMENT FOR
1- 673 1-1560 1-1661 2- 242 2- 244
2- 575 2- 578 2- 579 2- 581 2- 752
2- 784 2-1095 2-1236 2-1406 2-1621
3- 413 3- 796 3- 798 3- 799 3- 803
3- 807 3- 807 3- 850 3-1143 3-1145
3-1146 3-1281 3-1383 3-1385 3-1573
3-1587
-- BETASYNCHROTRON
2-1239 3- 414
-- BETATRON
1- 175 1- 531 1- 675 1-1018 1-1169
1-1309 1-1665 1-1897 1-1898 1-1901
2- 249 2- 951 2-1815 2-1992 2-2158
3- 408 3- 411 3- 582 3- 805 3-1424
3-1972 3-2278 3-2280 3-2282 3-2285
-- BEVATRONS
1-1017 3- 801 3-1278 3-1279
-- BIBLIOGRAPHY
2- 235 3- 410 3-1975
-- COCKCROFT WALTON
1-1169 2- 582 3- 412
-- CYCLOTRON
1- 306 1- 308 1- 494 1- 531 1- 673
1- 674 1- 676 1- 817 1-1169 1-1171
1-1172 1-1432 1-1660 1-1661 1-1662
1-1945 2- 89 2- 237 2- 239 2- 241
2- 244 2- 575 2- 579 2- 581 2- 583
2- 597 2- 784 2-1054 2-1095 2-1235
2-1621 2-1993 3- 413 3- 796 3- 804
3-1143 3-1144 3-1145 3-1279 3-1281
3-1589 3-1735 3-1739
-- GENERAL AND HISTORICAL
1- 511 1- 821 1- 890 1-1170 1-1378
1-1433 1-1440 1-1717 2- 236 2- 580
2- 797 2- 798 3-1786
-- GEOGRAPHIC LOCATIONS
1-1449 2- 235
-- LINEAR
1- 307 1- 532 1- 818 1- 820 1-1446
1-1447 1-1448 1-1644 1-1904 1-1905
1-1915 2- 240 2- 255 2- 585 2-1236
2-1238 2-1405 2-1406 2-2156 3- 772
3- 996 3-1280 3-1974
-- PARTICLE COUNTING WITH
2- 584 2-1095
-- RADIATIONS IN
2- 238 2- 831
-- RESONANCE EFFECTS AND CONTROL
2- 239 2- 950
-- SHIELDING FOR
1- 817 1-1017 1-1660 2- 244
-- SPIRAL
2-1238
-- SYNCHROCYCLOTRON
3- 797 3-1588 3-2283
-- SYNCHROTRON
1- 308 1- 531 1- 597 1-1019 1-1663
1-1664 1-1900 1-1901 1-1945 2- 242
2- 243 2- 576 2- 577 2- 785 2- 950
2- 951 2-1096 2-1237 2-1407 2-2156
3- 410 3- 798 3- 800 3- 802 3- 803
3-1727 3-1728 3-1976 3-1977 3-2279
3-2280 3-2281 3-2284
-- VAN DE GRAAFF
1- 174 1- 819 1-1169 1-1945 2-1240
2-2154 3-1247 3-1280
ACENAPHTHENE
-- RADIATION DETECTION USES
1-1646 2- 975
ACETAMIDE CYANO-
SEE CYANOACETAMIDE
ACETATE AMYL
-- NEUTRON RETARDATION BY
1- 291
ACETATE ETHYL
-- NEUTRON RETARDATION BY
1- 291
ACETATE METHYL
-- NEUTRON RETARDATION BY
1- 291
ACETATE VINYL
-- TRANSFER CONSTANT OF BUTYL MERCAPTAN IN
1- 877
ACETATES
-- METABOLISM OF
3- 60 3- 61 3- 273
ACETATES FLUORO-
-- DETERMINATION OF FLUORINE IN
1-1784
ACETIC ACID
-- METABOLISM OF
1- 394 1- 396 2- 883 2-1462 2-1732
2-2236 3- 940 3- 944 3-1504 3-1628
-- RETARDATION OF NEUTRONS BY
1- 291
-- SYNTHESIS OF LABELED
1- 259 1-1213 3- 73 3- 286
ACETIC ACID-3-INDOLE
-- SYNTHESIS OF LABELED
2-1762
ACETOACETIC ACID
-- METABOLISM OF
3-2071
ACETONE
-- PROPERTIES CHEMICAL
3-1886
-- RETARDATION OF NEUTRONS BY
1- 291
-- SOLUBILITY OF URANYL NITRATE IN
2-1741
ACETONE THENOYLTRIFLUORO-
-- EXTRACTION PROCESSES USING
1-1781 3- 90 3-1198 3-1338
-- PROPERTIES CHEMICAL
3-1207
-- SOLUBILITY IN BENZENE
2-1995
-- SOLUBILITY IN WATER
2-1995
ACETOPHENONE DIBROMO-
-- MOLECULAR REARRANGEMENT OF
1- 373
ACETYLAMINOFLUORENE
SEE FLUORENE 2-ACETYLAMINO-
ACETYLENE
-- SYNTHESIS OF LABELED
1- 259
ACETYLENEDICARBOXYLIC ACID
-- SYNTHESIS OF LABELED
2-1761
ACRIDINE
-- ENERGY LEVELS IN CRYSTALS
2-1453
ACRYLATE METHYL
-- TRANSFER CONSTANT OF BUTYL MERCAPTAN IN
1- 877
ACTINIDE ELEMENTS
SEE ELEMENTS ACTINIDE
ACTINIUM
-- METABOLISM AND TOXICOLOGY
2-1181
-- PROPERTIES CHEMICAL
2-1332
-- PROPERTIES NUCLEAR
2- 989
-- SEPARATION METHODS
2-1332 2-1447
-- SPECTRA
1-1221
-- STRUCTURE ATOMIC
2-1479
ACTINIUM ISOTOPES
-- TRACER APPLICATIONS
2-1332 2-1447

ACTINIUM AC-225
-- PROPERTIES NUCLEAR
1-1316
ACTINIUM AC-227
-- CROSS SECTION NEUTRON
2-1386
-- FISSION OF
2-1386
-- PROPERTIES NUCLEAR
1-1182
ACTINIUM AC-228
-- PROPERTIES NUCLEAR
2-2203
ACTINIUM COMPOUNDS
-- ACTINIUM SULFIDE
3- 665
ADENINE
-- ANALYSIS
2-2086
-- METABOLISM OF
3- 611
-- SYNTHESIS OF LABELED
2-1764
ADENOSINEDIPHOSPHATE
-- SEPARATION PROCEDURES
3-1790
ADENOSINETRIPHOSPHATE
-- DECOMPOSITION OF
3- 93
-- FUNCTIONS IN METABOLISM
1- 374 2- 49
-- SEPARATION PROCEDURES
3-1790
ADENYLIC ACID
-- ADSORPTION SEPARATION OF
3-1663
-- ANALYSIS
3-2118
-- PURIFICATION
3-2118
ADRENAL CORTICAL HORMONE
SEE DESOXYCORTICOSTERONE
ADRENAL GLAND
-- EFFECTS OF RADIATION ON
1- 40 1- 739 1-1532 1-1764 2-2077
3- 243 3- 503 3- 506 3-1066 3-2080
-- EFFECTS ON PHOSPHORUS METABOLISM
3-2059
ADRENALIN
-- EFFECTS ON IRRADIATED THYMUS
3-1631
AEROSOL PARTICLES
-- COLLECTIONS OF
1- 990
-- RESPIRATORY TRACT RETENTION
1-1509 3-1178 3-2042
AGRICULTURE
SEE PLANTS POLLEN ROOTS SEEDS SOIL
AND TRACER APPLICATIONS
AIR
-- ANALYSIS FOR FLUORINE IN
1- 753
-- ANALYSIS FOR LEAD IN
1- 682 2- 59 3-1086
-- CONTAMINATION RADIOACTIVE
1- 638 1- 682 1- 990 1-1597 2-1372
3- 535
-- IONIZATION OF
1-1667 1-1668 1-1671 2- 894 2-1210
2-2161
-- PRESSURE REGULATION OF
3-1387
-- RADIATION ABSORPTION BY
1- 217 1- 813 1-1293 1-1359 1-1566
1-1799 2- 740 2-1165 2-1306 2-1307
3- 126 3- 710 3- 969 3- 971
-- RADIATION STOPPING BY
1- 597 1-1865
-- STOPPING OF FISSION PRODUCTS BY
1-1632
AIR IONIZED
-- THERAPEUTIC USES
1-1535
AIR SAMPLING
2-2114
AIRCRAFT
-- NUCLEAR POWER FOR
1- 729 1- 868 1-1084 1-1085 1-1377
2- 22 2- 897 2-1173 3- 193 3- 700
3-2038
AIRCRAFT ENGINES
-- ALLOYS FOR
1-1647
-- CERAMIC COATINGS FOR
1-1526
ALABAMIUM
SEE FRANCIUM
ALANINE
-- ANALYSIS
1-1552
-- INCORPORATION IN SILK
3- 529
-- METABOLISM OF
1- 377 1-1055 1-1214 1-1354 3-1626
-- SYNTHESIS OF LABELED
3-1626
ALANINE PHENYL-
SEE PHENYLALANINE
ALBUMIN
-- METABOLISM OF
3- 19
-- SYNTHESIS OF LABELED
3-2058
ALCOHOL
SEE AMYL ALCOHOL BUTYL ALCOHOL
ETHYL ALCOHOL HEXANOL METHYL
ALCOHOL AND PROPYL ALCOHOL
ALGAE
SEE ALSO FUNGI MOLDS AND PLANTS
-- METABOLISM AND TOXICOLOGY STUDIES
1- 748 1-1354 2- 665 2-1293 2-1294
3- 604 3-1323 3-1626 3-1804
-- TRANSMUTATION OF ELEMENTS BY
3-2039 3-2040
ALKALI HALIDES
-- STRUCTURE MOLECULAR
3-1940
ALKYL PHOSPHORIC ACIDS
SEE PHOSPHORIC ACIDS ALKYL
ALLOYS
SEE ALSO METALLOGRAPHY METALLURGY
METALS PHASE SYSTEMS AND SPECIFIC
ALLOYS SUCH AS URANIUM ALLOYS
-- ANALYSIS
1- 432 1- 645 1-1505 3-2130
-- CORROSION
1-1772 1-1798 2- 87
-- EVAPORATION OF
1- 966
-- GRINDING OF
1-1285
-- HIGH TEMPERATURE USES
1- 481 1- 546 1- 964
-- PRODUCTION
1- 485 1- 548 1-1851 2-1083 2-2130
-- PROPERTIES
1- 648 2-1587
-- STRUCTURE CRYSTAL
1- 282 2- 587
ALPHA PARTICLES
SEE ALSO NUCLEAR PARTICLES AND
RADIATION
-- ABSORPTION
2- 373 2- 383 2-1171 2-2072 3- 710
3- 715
-- BINDING ENERGIES
1- 152 1- 667
-- BIOLOGICAL EFFECTS
1- 17 1- 18 1- 242 1- 894 1- 899
1-1241 1-1242 2- 33 2-1319 3- 517
3- 957 3-1817
-- CHEMICAL EFFECTS
1-1037 1-1488 3- 299 3- 516 3- 663
3- 955 3-1540
-- DETECTION AND MEASUREMENT
1- 93 1- 94 1- 148 1- 149 1- 461
1- 490 1- 505 1- 779 1- 946 1-1118
1-1127 1-1149 1-1152 1-1430 1-1441
1-1648 1-1650 1-1653 2- 182 2- 185
2- 187 2- 205 2- 209 2- 213 2- 547
2- 548 2- 560 2- 809 2- 811 2- 813
2- 957 2- 958 2- 970 2-1099 2-1102
2-1103 2-1107 2-1111 2-1244 2-1247
2-1250 2-1255 2-1333 2-1413 2-1420
2-1422 2-1424 2-1425 2-1631 2-1632
2-1633 2-1636 2-1637 2-1648 2-2004
2-2006 2-2009 2-2175 2-2243 3- 160
3- 163 3- 426 3- 433 3- 436 3- 456
3- 828 3- 831 3- 835 3- 842 3- 844
3- 848 3-1008 3-1044 3-1151 3-1155
3-1283 3-1296 3-1416 3-1442 3-1594
3-1735 3-1737 3-2004 3-2006 3-2303
3-2311
-- DIFFUSION AND SCATTERING
1- 1 1- 2 1- 4 1- 493 1- 884
1-1010 1-1752 2- 14 2-1051 2-2000
2-2067 2-2150 3- 355 3- 970 3-1602
-- FROM ACTINIUM ISOTOPES
1-1182
-- FROM ALUMINUM ISOTOPES
2-1620
-- FROM AMERICIUM ISOTOPES
1-1066
-- FROM ATMOSPHERIC DUST
1- 682 1- 990
-- FROM BISMUTH ISOTOPES
1-1925
-- FROM BORON ISOTOPES
1- 779 1-1013 2-1135 3- 790 3-1416
3-1966 3-1968
-- FROM CARBON ISOTOPES
1-1308 3- 397
-- FROM CURIUM ISOTOPES
1-1065 1-1068 2-1475
-- FROM FISSION PRODUCTS
3- 172
-- FROM FLUORINE ISOTOPES
3- 794
-- FROM GOLD ISOTOPES
3-1751
-- FROM HEAVY ELEMENTS
2- 620 2-2197

ALPHA PARTICLES
-- FROM LITHIUM ISOTOPES
1- 520 2-1500 3- 794 3-1586 3-2276
3-2294
-- FROM MAGNESIUM ISOTOPES
2- 14
-- FROM MERCURY ISOTOPES
3-1751
-- FROM NEON ISOTOPES
2- 14
-- FROM NEPTUNIUM ISOTOPES
2-1306
-- FROM OXYGEN ISOTOPES
3-1422
-- FROM PLUTONIUM FISSION
3-1585
-- FROM PLUTONIUM ISOTOPES
1-1229 2-1306 2-1473 2-1489 3-2321
-- FROM POLONIUM ISOTOPES
1-1929 2- 292 2- 621 2- 841 3-2274
-- FROM PROTOACTINIUM ISOTOPES
2- 987 2-1144 2-2194
-- FROM RADIOACTIVE MINERALS
3-1679
-- FROM RADIUM ISOTOPES
2- 641 2-1648 3- 900
-- FROM RADON ISOTOPES
2- 957 3-1752
-- FROM SAMARIUM ISOTOPES
1-1497 3-1594
-- FROM THORIUM FISSION
3-1585
-- FROM THORIUM ISOTOPES
1- 328 1-1169 1-1514 1-1855 2- 205
2- 389 2- 630 2- 997 2-1436 2-1648
3- 900 3-1166
-- FROM THORIUM ORES
3- 352
-- FROM URANIUM FISSION
1- 493 1-1752 2-2067 3-1398 3-1585
-- FROM URANIUM ISOTOPES
1- 328 1-1189 1-1514 1-1643 1-1855
2- 679 2-1038 2-1144 2-1488 3- 684
3-1594 3-2319 3-2331
-- FROM URANIUM ORES
3- 352
-- HEALTH HAZARDS INVOLVING
3-2094
-- IN COSMIC RADIATION
2- 445 2-1206 2-1766 3-1232
-- INTERACTION WITH PARTICLES
3-2008
-- IONIZATION PRODUCED BY
2- 251 2- 252 2-1210 2-2069 2-2161
3-2009
-- NUCLEAR REACTIONS
1- 5 1- 288 1- 301 1- 326 1- 329
1- 402 1- 470 1- 544 1- 670 1- 671
1- 796 1-1007 1-1008 1-1009 1-1014
1-1042 1-1065 1-1066 1-1068 1-1184
1-1189 1-1229 1-1420 1-1482 1-1700
1-1705 1-1715 1-1893 1-1894 2- 298
2- 299 2- 351 2- 782 2- 914 2- 947
2-1014 2-1041 2-1134 2-1198 2-1305
2-1477 2-1489 2-1613 2-1614 2-1991
2-2027 2-2028 2-2059 2-2220 2-2222
3- 792 3- 970 3- 995 3-1232 3-1605
3-1659 3-1716 3-2024 3-2274
-- PRODUCTION
1- 167 1- 303 1-1659 3- 414
-- RANGES IN MATERIALS
2-1165 2-1306 2-1885
-- THERAPEUTIC USES
1- 561
ALUMINUM
-- ANALYSIS
1- 429 1- 914 3- 75 3-1335 3-1539
-- CORROSION
1- 437 3- 113
-- CROSS SECTION ALPHA
1- 288
-- CROSS SECTION GAMMA
2-1166
-- CROSS SECTION NEUTRON
1- 137 1-1631 2- 526 2- 527 2- 777
2-1393 3-1392 3-2236
-- ELECTRON EMISSION BY
2- 794
-- PLASTIC BONDING OF
1- 480
-- PRODUCTION
1- 123
-- PROPERTIES CHEMICAL
2-1163 2-1544
-- PROPERTIES METALLURGICAL
1- 480 1-1624 1-1625 3-1560
-- PROPERTIES NUCLEAR
1- 329 2- 587 2- 846 2-1620 3-1221
3-1611 3-1716 3-2259 3-2274
-- PROPERTIES PHYSICAL
1-1773
-- PROPERTIES REFRACTORY
1-1546
-- RADIATION ABSORPTION BY
1- 685 1-1183 1-1191 1-1374 1-1482
1-1564 1-1565 2- 9 2- 90 2- 374
ALUMINUM
-- RADIATION ABSORPTION BY
2- 375 2- 376 2- 383 2- 740 2-1165
2-1166 2-1363 2-1365 2-1500 2-1768
2-1911 2-2096 3- 710 3-1453 3-1600
3-1601
-- RADIATION SCATTERING BY
1- 401 1-1523 2- 386 3- 714
-- RADIATION STOPPING BY
2-1885 3- 121
-- SEPARATION METHODS
3-1539
-- STRUCTURE ATOMIC
1- 825
-- STRUCTURE CRYSTAL
1- 137 2- 465

ALUMINUM ISOTOPES
-- PROPERTIES NUCLEAR
1-1700
ALUMINUM AL-27
-- PROPERTIES NUCLEAR
1- 295 1- 814 2- 8 2- 14 2- 232
2- 255 2- 778 2-1094 2-1404 2-1972
3-1403 3-1585
-- SPECTRA
2- 232 2- 255
ALUMINUM AL-28
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- PROPERTIES NUCLEAR
1- 143 1-1034 1-1154 1-1894 2-1620
3-1583
ALUMINUM AL-29
-- FORMATION OF
3-2024
-- PROPERTIES NUCLEAR
3- 995 3-2024
ALUMINUM AL-30
-- PROPERTIES NUCLEAR
3-1402
ALUMINUM ALLOYS
-- CORROSION
2-1379
-- PROPERTIES
1-1646 2-1379
-- PROPERTIES METALLURGICAL
3- 698
-- STRUCTURE CRYSTAL
1-1965
-- USES
2-1379

ALUMINUM COMPOUNDS
-- ALUMINUM BERYLLIUM SILICATE
1- 124
-- ALUMINUM BOROHYDRATE
3- 949
-- ALUMINUM BOROHYDRIDE
2- 76 2- 678
-- ALUMINUM BOROHYDRIDES ALKYL
2- 76
-- ALUMINUM BROMIDE
2- 348 2-1064
-- ALUMINUM CARBIDE
1-1546
-- ALUMINUM CHLORIDE
1-1070 2- 125 2-1064 2-2026
-- ALUMINUM DIBROMOXINATE
3-1534
-- ALUMINUM HYDRIDE
2- 76 2- 77 2- 678
-- ALUMINUM HYDRIDE DIMETHYL
2- 77
-- ALUMINUM HYDROXIDE
2-2026
-- ALUMINUM LITHIUM HYDRIDE
3- 294
-- ALUMINUM NITRATE
2-1163
-- ALUMINUM OXIDE
1- 437 1-1545 1-1546 1-1548 1-1624
1-1773 2- 54 2- 902 2-1165 2-1516
-- ALUMINUM OXINATE
2-1544

AMERICIUM
-- DISCOVERY AND NAMING
1-1513 3- 678
-- FISSION OF
2- 351
-- METABOLISM AND TOXICOLOGY
1-1389 2-1181
-- OXIDATION AND REDUCTION STATES
1- 206 2-1480
-- PROPERTIES CHEMICAL
1- 207 1-1066 1-1959 2- 351 2- 678
2-1480
-- PROPERTIES METALLURGICAL
1-1959
-- PROPERTIES PHYSICAL
1- 207
-- SPECTRA
2-1301
-- STRUCTURE ATOMIC
2-1033 2-1479

AMERICIUM ISOTOPES
-- FORMATION OF
2-1477
-- RADIOGRAPHIC USES
1-1389
-- TRACER APPLICATIONS
1-1389
AMERICIUM AM 238
-- PROPERTIES NUCLEAR
1- 206 1-1066 1-1960
AMERICIUM AM 239
-- FORMATION OF
1-1066
-- PROPERTIES NUCLEAR
1- 206 1-1066 1-1960
AMERICIUM AM 240
-- PROPERTIES NUCLEAR
1-1960
AMERICIUM AM 241
-- FORMATION OF
1- 206
-- PROPERTIES NUCLEAR
1- 206 1- 878 1-1065 1-1066 1-1960
2-1475
AMERICIUM AM 242
-- FORMATION OF
2-1475
-- PROPERTIES NUCLEAR
1- 206 1-1066 1-1960 2-1475
AMERICIUM AM 243
-- PROPERTIES NUCLEAR
1-1960
AMERICIUM COMPOUNDS
-- AMERICIUM OXIDES
3- 677
-- AMERICIUM SULFIDES
3- 565
AMERICIUM IONS
-- PROPERTIES MAGNETIC
2-1033
AMINO ACIDS
SEE ALSO SPECIFIC AMINO ACIDS SUCH
AS ALANINE GLYCINE ETC
-- ANALYSIS
3- 282
-- CHROMATOGRAPHIC SEPARATION OF
1-1552 1-1553 2- 55 2- 427
-- CREATININE-AMINO ACID RATIO IN URINE
1- 749 1-1093
-- METABOLISM OF
1-1053 1-1214 1-1238 2- 667 2- 900
3-1323
-- SYNTHESIS OF LABELED
3-1667
AMINOBENZOIC ACID
SEE BENZOIC ACID AMINO
AMINOPHENOL
SEE PHENOL P-AMINO-
AMINOTHIAZOLE
SEE THIAZOLE 2-AMINO
AMMETERS
-- DESIGN AND CONSTRUCTION
1- 946
-- EFFECTS OF MAGNETIC FIELDS ON
2- 917
AMMONIA
-- ROCKET PROPELLANT USES
3-1412
AMMONIUM COMPOUNDS
SEE ALSO NITROGEN COMPOUNDS
-- AMMONIUM BERYLLIUM PHOSPHATE
1- 921
-- AMMONIUM CERIUM NITRATE
1- 357
-- AMMONIUM CHLORIDE
2- 780
-- AMMONIUM CHLOROGALLATE
2- 83 3-1201
-- AMMONIUM FLUOBERYLLATE
1- 924
-- AMMONIUM NITRATE
1- 291
-- AMMONIUM OXALATE
1- 917
-- AMMONIUM PHOSPHATE DIHYDROGEN
1- 636
-- AMMONIUM PLUTONYL SULFATE
2-1471
-- AMMONIUM PURPURATE
1- 853
-- AMMONIUM SULFATE
2- 884
-- AMMONIUM THIOGLYCOLLATE
2- 353
AMNIOTIC FLUID
-- RATE OF RENEWAL
3- 272
AMPLIFIERS
SEE CURRENT AMPLIFIERS PULSE
AMPLIFIERS AND VOLTAGE AMPLIFIERS
-- CONSTRUCTION AND OPERATION
3- 132 3-1571 3-2217 3-2219
AMPLITUDE BRIDGES
-- NUCLEAR RESONANCE DETECTION WITH
3-1400 3-1433

AMYL ACETATE
SEE ACETATE AMYL
AMYL ALCOHOL
-- RETARDATION OF NEUTRONS BY
1- 291
ANALYSIS
SEE ALSO SUBHEAD ANALYSIS UNDER ALLOYS
METALS ORGANIC COMPOUNDS AND
SPECIFIC ALLOYS ELEMENTS AND ORES
SEE ALSO SEPARATION PROCESSES UNDER
SPECIFIC ELEMENTS
-- CHEMICAL METHODS
1- 283 1- 880 1- 921 1-1204 1-1335
1-1336 1-1337 1-1338 1-1349 1-1549
1-1783 1-1784 1-1788 1-1939 1-1940
1-1968 1-1969 2- 56 2- 61 2-, 359
2- 425 2- 426 2- 433 2- 905 2-1720
2-2223 3-1539 3-1656 3-1657 3-1658
3-1673 3-2118 3-2126 3-2128 3-2159
3-2164 3-2167
-- CHROMATOGRAPHIC
1- 53 1- 55 1- 56 1- 203 1- 619
1- 652 1-1354 1-1552 1-1553 1-1713
1-1786 1-1909 1-1910 1-1913 2- 55
2- 57 2- 64 2- 67 2- 69 2- 71
2- 360 2- 419 2- 420 2- 421 2- 422
2- 424 2- 427 2- 429 2- 652 2- 717
2- 718 2- 719 2- 720 2- 864 2- 904
2- 906 2-1014 2-1187 2-1447 2-1517
2-1523 2-1863 2-1894 2-1896 2-2055
2-2086 2-2088 3- 87 3- 93 3- 102
3- 281 3- 300 3- 301 3- 596 3- 631
3-1080 3-1088 3-1097 3-1333 3-1334
3-1335 3-1336 3-1624
-- COLORIMETRIC
1- 589 1- 753 1- 853 1-1070 1-1255
1-1550 2- 58 2- 60 2- 61 2- 62
2- 353 2- 716 2-1337 2-1491 2-1720
2- 323 3- 632 3- 682 3- 946 3-1656
3-1873 3-2128
-- CONDUCTRIMETRIC
3- 679 3-1333
-- DIFFRACTION ELECTRON
1- 313 1- 448 1- 617 1- 915 1- 926
1-1556 1-1813 2- 121 2- 142 2- 466
-- DIFFRACTION NEUTRON
1- 137 1- 496 1- 617 1- 981 1-1163
1-1164 1-1262 1-1266 1-1267 2-2109
2-2128 3-1950
-- DIFFRACTION X RAY
1- 58 1- 147 1- 211 1- 270 1- 311
1- 425 1- 431 1- 464 1- 590 1- 616
1- 617 1- 634 1- 641 1- 648 1- 705
1- 724 1- 883 1- 926 1- 936 1- 938
1-1064 1-1109 1-1224 1-1345 1-1404
1-1516 1-1572 1-1575 1-1712 1-1805
1-1806 1-1812 1-1955 2- 119 2- 122
2- 123 2- 124 2- 163 2- 324 2- 355
2- 461 2- 463 2- 464 2- 468 2- 511
2- 863 2-1170 2-2108 2-2240 3- 652
3- 963 3- 964 3- 965 3-1096 3-1108
3-1109 3-1333 3-1434 3-1448 3-1890
-- ELECTROLYTIC
1- 917 1-1450 1-1551 1-1765 2- 63
2-2087 3- 76 3- 77 3- 78 3- 83
3- 86 3-1873
-- FLUORIMETRIC
1-1227 1-1266 1-1955 1-1966 2- 68
2- 493 2-1302 2-1594 3- 668 3- 685
3-1350
-- PHYSICAL METHODS
1-1265 1-1266 2-1336 2-1369 3-1536
3-2118 3-2126
-- POLAROGRAPHIC
1- 209 1- 212 1- 291 1- 398 1-1785
1-1787 1-1964 2- 352 2-1161 2-1525
2-1595 2-2245 3- 79 3- 679 3-1208
3-1873 3-2156
-- POTENTIOMETRIC
1- 924 1-1252 1-1253 1-1392 1-1394
1-1942 3- 679 3-1873
-- RADIOMETRIC
1- 56 1- 202 1- 203 1- 255 1- 284
1- 397 1- 419 1- 490 1- 492 1- 852
1- 861 1- 917 1- 918 1-1064 1-1292
1-1348 1-1939 1-1945 2- 59 2- 139
2- 165 2- 428 2- 807 2- 868 2- 934
2- 956 2-1063 2-1106 2-1333 2-1334
2-1335 2-1338 2-1340 2-1382 2-1519
2-1523 2-1635 2-1646 2-1647 2-1708
2-1733 2-1759 2-1861 2-1863 2-1869
2-1871 2-1872 2-2082 2-2138 2-2243
3- 279 3- 282 3- 435 3- 443 3- 445
3- 533 3- 610 3- 327 3- 633 3- 636
3- 673 3- 674 3- 821 3- 948 3- 952
3-1086 3-1087 3-1181 3-1435 3-1439
3-1444 3-1446 3-1538 3-1796 3-1802
3-1871 3-1895 3-2002 3-2025 3-2057
3-2062 3-2127 3-2129 3-2301 3-2302
3-2321
-- SPECTROGRAPHIC
1- 52 1- 97 1- 256 1- 257 1- 358
1- 429 1- 432 1- 466 1- 477 1- 752
1- 851 1- 860 1- 920 1-1046 1-1047
1-1049 1-1050 1-1208 1-1226 1-1505

ANALYSIS
-- SPECTROGRAPHIC
1-1719 1-1723 1-1724 1-1726 1-1729
1-1730 1-1948 1-1951 1-1952 2- 59
2- 70 2- 312 2- 313 2- 321 2- 357
2- 365 2- 658 2- 661 2- 683 2- 871
2- 872 2- 891 2-1222 2-1292 2-1301
2-1717 2-2046 2-2085 3- 260 3- 302
3- 303 3- 309 3- 310 3- 634 3-1099
3-1340 3-1541 3-1897 3-2130
-- SPECTROPHOTOMETRIC
1- 754 1- 755 1- 913 1- 914 1- 920
1-1077 1-1722 1-1938 1-1961 2- 652
2- 899 2- 931 2-1035 2-1490 2-1491
3- 65 3- 85 3- 89 3- 214 3- 283
3- 637 3- 668 3- 685 3-1207 3-1211
3-1352 3-1565 3-1868 3-1872 3-1881
3-2126
ANALYTICAL BALANCES
SEE BALANCES ANALYTICAL
ANALYTICAL METHODS
-- FOR MANHATTAN PROJECT
1- 918 3-1333
ANALYZERS
SEE PULSE ANALYZERS
ANEMIA
SEE BLOOD DISEASES
ANESTHETICS
-- EFFECT ON PHOSPHATE METABOLISM
2-1298
ANIMALS
SEE ALSO LABORATORY ANIMALS AND
SPECIFIC ANIMALS SUCH AS GUINEA PIGS
ETC
-- EFFECTS OF RADIATION ON
2-1060 3- 2 3- 4 3- 904 3-1039
-- METABOLISM STUDIES
1-1356 2- 344 2-1513 3-2042
ANTHRACENE
-- CRYSTAL PRODUCTION OF
2- 212 2- 542
-- ELECTRON DIFFRACTION IN
2- 464
-- ENERGY LEVELS IN CRYSTALS
2-1453
-- RADIATION DETECTION USES
1- 91 1- 107 1- 109 1- 992 1- 995
1-1442 1-1515 2- 191 2- 542 2- 960
2- 975 2-1248 2-1828 2-2009 3- 437
3- 465 3- 843 3- 995 3-1150 3-1449
-- STRUCTURE CRYSTAL
1-1576
ANTHRANILIC ACID
-- ANALYTICAL USES
2- 358
-- METABOLISM OF
2- 901 2-1456
-- RADIATION DETECTION USES
1-1646 2- 975
-- SYNTHESIS OF LABELED
2- 908
ANTIBIOTICS
-- PENICILLIN
1- 393 1-1198 1-1345 1-1734 3- 623
-- PENICILLIN BENZYL-
1- 375
-- STREPTOMYCIN
1-1553 3- 11
-- SULFANILAMIDE
1- 393 2-2234
-- USNIC ACID
1- 869
ANTIBODIES
-- ACTIVITY ZONES
3- 278
-- EFFECTS OF RADIATION ON
3- 201
ANTIHISTAMINIC DRUGS
-- RADIATION SICKNESS THERAPY USING
1-1766 2- 835 3-1054
ANTIHISTAMINIC OINTMENTS
3- 917
ANTIMONY
-- CROSS SECTION NEUTRON
3- 764
-- METABOLISM AND TOXICOLOGY
1-1061 3-1056
-- PROPERTIES CHEMICAL
2-1532
-- PROPERTIES NUCLEAR
1-1007
-- RADIATION ABSORPTION BY
3- 986
-- SEPARATION METHODS
2- 502 2-1532 2-1895 3-1661
-- SPECTRA
3-1410
ANTIMONY ISOTOPES
-- PROPERTIES NUCLEAR
2-1683 2-1837
-- TRACER APPLICATIONS
1-1061
ANTIMONY SB-116
-- FORMATION OF
3-1418
ANTIMONY SB-116
-- PROPERTIES NUCLEAR
3-1418
ANTIMONY SB-117
-- FORMATION OF
3-1418
-- PROPERTIES NUCLEAR
3-1418
ANTIMONY SB-118
-- FORMATION OF
3-1418
-- PROPERTIES NUCLEAR
3-1418
ANTIMONY SB-120
-- FORMATION OF
1- 498
ANTIMONY SB-122
-- CROSS SECTION NEUTRON
1- 136 2-1404 3-1136
-- PROPERTIES NUCLEAR
2-1404 3-1410 3-2256
ANTIMONY SB-122
-- CROSS SECTION NEUTRON
2-1800
-- FORMATION OF
3-1661
ANTIMONY SB-123
-- PROPERTIES NUCLEAR
3-1410 3-2256
ANTIMONY SB-124
-- FORMATION OF
3-1661
-- PROPERTIES NUCLEAR
1- 331 1-1187 1-1706 2- 597 2-1827
3- 892 3-1032
ANTIMONY SB-125
-- PROPERTIES NUCLEAR
1-1703 2- 991 3-1311 3-1317
ANTIMONY SB-127
-- PROPERTIES NUCLEAR
2- 848
ANTIMONY SB-135
-- PROPERTIES NUCLEAR
2-1843
ANTIMONY COMPOUNDS
-- ANTIMONY CHLORIDE
2- 128 2- 129
-- ANTIMONY SULFIDE
3- 848
-- STIBINE
1-1061
ARBACIA
SEE SEA URCHINS
ARGININE
-- METABOLISM OF
1-1214 2-1019
ARGON
-- ANALYSIS
1- 115 2- 503
-- CROSS SECTION NEUTRON
1- 144 3-1391
-- EFFECTS OF RADIATION ON
3- 355
-- IONIZATION OF
2- 252 2- 967 2-2161 3-1260
-- PROPERTIES PHYSICAL
1- 562 2-1242 2-1261 2-2170
-- PURIFICATION OF
1- 620 1- 757
-- RADIATION SCATTERING BY
1- 401 1-1754
-- SPECTRA
1-1612 2-1851
ARGON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1593 2- 483
-- PROPERTIES NUCLEAR
1-1700
ARGON A-36
-- PROPERTIES NUCLEAR
3-2277
ARGON A-37
-- PROPERTIES NUCLEAR
1-1023 2-1811 2-1826 3- 876
ARGON A-40
-- FORMATION OF
2-1790
-- PROPERTIES NUCLEAR
1- 841 1-1184 1-1410 2- 293 2- 571
2-1134 3- 792 3- 793 3-2277
ARGON A-41
-- PROPERTIES NUCLEAR
2-1435 2-2199
ARSACETIN
-- SYNTHESIS OF LABELED
3-1092
ARSENIC
-- METABOLISM AND TOXICOLOGY
1- 40 1-1769 2-1026 3-1056 3-2045
-- PROPERTIES NUCLEAR
3-1940
-- SPALLATION OF
2-2149 3-1415
ARSENIC ISOTOPES
-- FORMATION OF
1- 470

ARSENIC AS-71
-- PROPERTIES NUCLEAR
2- 298
ARSENIC AS-72
-- PROPERTIES NUCLEAR
2- 298
ARSENIC AS-73
-- PROPERTIES NUCLEAR
2- 298
ARSENIC AS-74
-- FORMATION OF
2-1617
-- PROPERTIES NUCLEAR
2- 298
-- THERAPEUTIC USES
3- 583
-- TRACER APPLICATIONS
3-1355
ARSENIC AS-75
-- FORMATION OF
1-1431
-- PROPERTIES NUCLEAR
1- 170 2- 233 2-1617 3-2133
ARSENIC AS-76
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- FORMATION OF
1- 40
-- PROPERTIES NUCLEAR
2- 290 3-2336
-- THERAPEUTIC USES
1- 40 3- 264 3- 589 3-1842
-- TRACER APPLICATIONS
1- 40 2-1026
-- USES IN SYNTHESES
3-1092
ARSENIC COMPOUNDS
-- ARSENIC CHLORIDE TRI
1- 40
-- ARSENIC DEUTERIDE TRI-
2- 330 2-1370
-- ARSENIC HYDRIDE TRI-
2- 330 2-1370
-- CACODYLIC ACID
1- 40
-- ORGANIC DERIVATIVES
3-1092
ARTHRITIS
SEE BONE DISEASES
ASCORBIC ACID
-- RADIATION SICKNESS THERAPY USING
2- 26 2-1434
ASPARAGINE
-- METABOLISM OF
1- 393
ASPARAGINE CHLOROACETYL
-- METABOLISM OF
1-1767
ASPARAGINE GLYCYL
-- METABOLISM OF
1-1767
ASPARAGINE LEUCYL
-- METABOLISM OF
1-1767
ASPARTIC ACID
-- ANALYSIS
1-1552
-- DEGRADATION OF
1- 618
-- METABOLISM OF
1-1214 1-1354 2-1020 2-1732 3-1626
-- SYNTHESIS OF LABELED
3-1626
ASTATINE
-- ABUNDANCE AND DISTRIBUTION
3- 578
-- PROPERTIES CHEMICAL
2- 578
ASTATINE ISOTOPES
-- FORMATION OF
1- 470
-- PROPERTIES NUCLEAR
2-1383 3-2249
ASTATINE AT-210
-- FORMATION OF
2- 947
-- PROPERTIES NUCLEAR
2-1991
ASTATINE AT-211
-- FORMATION OF
2-1991
ASTATINE AT-216
-- PROPERTIES NUCLEAR
1- 192
ASTATINE AT-217
-- PROPERTIES NUCLEAR
1-1316
ASTATINE AT-218
-- FORMATION OF
3- 184
ASTROPHYSICS
SEE ALSO COSMIC RADIATION
-- AGE AND EVOLUTION OF UNIVERSE
1-1376 2- 15 2- 17 2- 497 2- 693
2- 694 2-2073 2-2074 3-1681 3-1778
3-2187
ASTROPHYSICS
-- COSMIC RADIATION ORIGIN
1- 932 1-1106 2- 441 2- 448 2-1067
2-1070 2-1364 2-1564 2-1772 2-1776
2-1779 2-1907 2-2103 3- 372 3- 739
3- 741 3-1122 3-1367 3-1369
-- ELECTRON DENSITY IN SOLAR SPACE
3-1117
-- ELEMENT ABUNDANCE IN STARS
2- 16 2- 389 2- 497 2-1751
-- INTERSTELLAR TEMPERATURES
3-1116
-- NUCLEAR REACTIONS IN STARS
1-1755 2-1172 2-1312 3-1116
-- ORIGIN OF ELEMENTS
2-1375 2-1376 3-1682
ATMOSPHERE
-- RADIOACTIVITY IN
3-2209
ATOMIC BOMBS
SEE ALSO ATOMIC WARFARE NUCLEAR
POWER AND REACTORS
-- DESIGN AND CONSTRUCTION
1- 598 2-1052 2-1502
-- DETONATION WAVES
1- 732 2-1310
-- FLASH BURN EFFECTS
3-1320
-- GENERAL AND HISTORICAL
1- 598 1- 599 1-1436 1-1917 2- 391
2- 798 3-1841
-- RADIATION EFFECTS
1- 18 1- 40 1- 240 1- 241 1- 406
1- 410 1- 411 1- 414 1- 537 1- 604
1- 746 1- 944 1-1051 1-1180 1-1246
1-1249 1-1269 1-1532 1-1825 1-1923
2- 18 2- 19 2- 36 2- 42 2- 43
2- 136 2- 402 2- 405 2- 492 2- 697
2- 699 2- 836 2- 837 2- 896 2-1311
2-1446 2-1452 2-1503 2-1655 3- 226
3- 227 3- 508 3- 537 3-1055 3-1175
3-1438 3-1838 3-1839 3-1841 3-2088
3-2098 3-2100 3-2101 3-2102
ATOMIC ENERGY COMMISSION
SEE ALSO RESEARCH PROGRAMS
-- ANNUAL REPORT
2-1283
-- FIRE PROTECTION IN PLANTS
3-1035
-- LABORATORIES
1- 118 1- 119 1- 479 2- 314 2-1018
2-2044
-- RESEARCH PROGRAMS
1- 118 1- 119 1- 204 1- 205 1- 227
1- 360 1- 435 1- 551 1- 565 1- 598
1- 600 1- 615 1- 780 1- 848 1- 857
1- 888 1- 890 1- 916 1- 962 1-1085
1-1094 1-1205 1-1206 1-1500 1-1717
1-1944 1-1946 2- 315 2- 316 2- 393
2- 655 2- 866 2-1016 2-1053 2-1174
2-1450 2-1452 2-1722 2-1886 2-2044
3- 761 3- 786 3-1099
ATOMIC POWER
SEE NUCLEAR POWER
ATOMIC STRUCTURE
SEE STRUCTURE ATOMIC
ATOMIC WARFARE
SEE ALSO ATOMIC BOMBS
-- DEFENSES AGAINST
2- 695 2- 696 2- 898 2- 896 2-1419
-- EFFECTS AND LIMITATIONS
1-1236 1-1377 2- 18 2- 19 2- 136
2-1752
-- MEDICAL PROGRAM FOR
2- 136 2- 697 2- 837 2-1311
-- SPECULATIONS CONCERNING
3- 192 3-1789
-- VETERINARY PROGRAM FOR
2-1309
ATOMIC WEIGHTS
SEE SUBHEAD ATOMIC WEIGHTS UNDER
SPECIFIC ELEMENTS
ATOXYL
-- SYNTHESIS OF LABELED
3-1092
AUTORADIOGRAPHY
SEE SUBHEADS RADIOGRAPHIC USES AND
RADIOAUTOGRAPHIC USES UNDER ISOTOPES
RADIATION SPECIFIC RADIOISOTOPES
SUCH AS PHOSPHORUS P-32 AND SPECIFIC
WAVE AND PARTICULATE RADIATIONS

BACTERIA
SEE ALSO BACTERIOPHAGES PROTOZOA AND
VIRUSES
-- DOSAGE DETERMINATION
1-1352
-- EFFECTS OF RADIATION ON
1- 25 1- 733 1- 742 1- 743 2- 709
3- 504 3-1188 3-1319
-- FERMENTATION PROCESSES PRODUCED BY
1- 394 2- 883 2-1155 3- 312
-- METABOLISM AND TOXICOLOGY STUDIES
1- 393 2- 49 2- 883 2-1853 2-2234
3- 63 3- 69 3- 72 3- 73 3- 593

BACTERIA
-- METABOLISM AND TOXICOLOGY STUDIES
3- 608 3- 623 3-1083 3-1203 3-1319
3-1627
-- NITROGEN FIXATION BY
3- 62
-- PENICILLIN UPTAKE BY
3- 270
-- RADIATION DETECTION USES
3- 444
BACTERIOPHAGES
SEE ALSO BACTERIA AND VIRUSES
-- EFFECTS OF RADIATION ON
1- 242 1- 742 1-1242 2- 29 2-1890
3- 10
-- METABOLISM AND TOXICOLOGY STUDIES
1- 392 1-1508
BAKELITE
USES FOR RADIOACTIVE SOURCES
3-1749
BALANCES ANALYTICAL
-- DESIGN AND CONSTRUCTION
1- 99 1- 269 1-1620 1-1833 2- 496
2-2117 3- 378 3- 385
BARBITAL SODIUM
-- EFFECTS ON PHOSPHORUS METABOLISM
2-1296
BARBITURATES
SEE SPECIFIC BARBITURATES SUCH AS
PENTABARBITAL ETC
BARIUM
-- ANALYSIS
1- 752 3-1537
-- METABOLISM AND TOXICOLOGY
2-1181 3- 592
-- PRODUCTION
1-1623
-- PROPERTIES NUCLEAR
2-1402
-- SEPARATION METHODS
2- 69 2-1528 2-1529 2-1540 2-1541
2-1542 3-1537
BARIUM ISOTOPES
-- PROPERTIES NUCLEAR
1- 114
BARIUM BA 130
-- CROSS SECTION NEUTRON
1- 136 2-1599 2-1800
-- PROPERTIES NUCLEAR
2-1599
BARIUM BA 131
-- PROPERTIES NUCLEAR
2-1540 2-1599
BARIUM BA 133
-- PROPERTIES NUCLEAR
1- 538
BARIUM BA 134
-- PROPERTIES NUCLEAR
2- 1 2- 233
BARIUM BA 137
-- PROPERTIES NUCLEAR
1- 689 1-1030 2- 996
BARIUM BA 139
-- CROSS SECTION NEUTRON
2-1966 3-1578
-- FORMATION OF
2-1660
-- PROPERTIES NUCLEAR
1-1928
BARIUM BA 140
-- BIOLOGICAL EFFECTS
1- 38
-- DECONTAMINATION PROCEDURES FOR
3-2090 3-2091
-- ISOTOPIC SEPARATION
1-1262
-- PROPERTIES NUCLEAR
2-1661 2-1662 2-1664 2-1880 3 2026
-- TRACER APPLICATIONS
3- 592 3- 960 3-1355
BARIUM COMPOUNDS
-- BARIUM CARBIDE
1- 259
-- BARIUM CARBONATE
1- 64 1- 224 1- 259 1- 540 1-1931
2- 74 2- 907 2-1065 3-1625 3-1864
-- BARIUM FLUOBORATE
2- 436
-- BARIUM NITRATE
3-1653
-- BARIUM OXIDE
1-1405
-- BARIUM SULFIDE
1-1098 1-1099
-- BARIUM TITANATES
1-1777 1-1778 1-1779 3- 650 3-2145
-- BARIUM URANATE
2-1040 2-2063 3-1100
-- BARIUM VANADATE
1- 57
BATS
-- EFFECTS OF RADIATION ON
1- 40 3-1818
BENADRYL
SEE ANTIHISTAMINIC DRUGS
BENZANTHRACENE
-- RADIATION DETECTION USES
1-1646 2- 975
BENZENE
-- EFFECTS OF RADIATION ON
1- 196
-- NEUTRON RETARDATION BY
1- 291
BENZENE MONOBROMO-
-- EFFECTS OF RADIATION ON
3- 97
-- ISOTOPIC BROMINE EXCHANGE IN
2- 348
BENZENE HEXABROMO-
-- ENERGY LEVELS IN CRYSTALS
2-1453
BENZENE O DICHLORO-
-- EFFECTS OF RADIATION ON
1- 413 3- 97
BENZENE P DICHLORO-
-- EFFECTS OF RADIATION ON
1- 842 3- 97
BENZENE HEXACHLORO-
-- EFFECTS OF RADIATION ON
1- 842
BENZENE BIS-TRIFLUOROMETHYL
SEE XYLENE P-ALPHA-ALPHA-TRIFLUORO
BENZENE P-DIMETHYLAMINOAZO
-- SYNTHESIS OF LABELED
3- 96
BENZOIC ACID
-- SYNTHESIS OF LABELED
2-1761
BENZOIC ACID O-AMINO-
SEE ANTHRANILIC ACID
BENZOIC ACID P-AMINO-
-- EFFECTS ON PROTEIN METABOLISM
1- 393
-- SYNTHESIS OF LABELED
3- 284
BENZOIC ACID M-NITRO-
-- ANALYTICAL REAGENT FOR RARE EARTHS
1-1204
BENZOTRIFLUORIDE
SEE TOLUENE ALPHA-TRIFLUORO
BENZOTRIFLUORIDE M-CHLORO-
SEE TOLUENE ALPHA TRIFLUORO M-CHLORO
BENZOTRIFLUORIDE O-CHLORO-
SEE TOLUENE ALPHA TRIFLUORO O-CHLORO-
BENZYL FLUORIDES SUBSTITUTED
-- REACTION RATES OF
2- 476
BENZYLPHENYL GLYOXALIDONE
SEE GLYOXALIDONE PHENYLBENZYL
BENZYLTHIOURACIL
SEE THIOURACIL BENZYL-
BERYLLIUM
-- ANALYSIS
1- 429 1- 752 1- 921 1-1782 1-1951
2- 905 2- 931 2-1329 2-1594 3- 632
3-1539
-- BIBLIOGRAPHY
1-1782
-- CORROSION
3- 113
-- CROSS SECTION ALPHA
1- 286
-- CROSS SECTION GAMMA
2-1166
-- CROSS SECTION NEUTRON
1- 290 2- 527 2- 777 2-2144 3-1359
3-1392 3-2236
-- EFFECTS OF RADIATION ON
2- 167
-- FOUNDING OF
2-1221
-- METABOLISM AND TOXICOLOGY
1- 48 1- 49 1- 266 1- 268 1- 420
1- 421 1- 606 1- 614 1-1092
1-1094 1-1096 1-1536 1-1537 1-1538
1-1539 1-1540 1-1541 2- 45 2- 46
2- 48 2- 750 2- 751 2-1327 2-1330
2-1331 2-1371 2-1512 2-1513 2-1793
2-2113 3- 210 3- 212 3- 219 3- 530
3- 908 3-1049 3-1500 3-1792 3-1793
3-1795 3-2043 3-2046
-- PRODUCTION
1- 123 1- 124 1- 281 1- 483 1- 486
1-1629 1-1845 1-1848 3-1112 3-2182
-- PROPERTIES CHEMICAL
3-2182
-- PROPERTIES METALLURGICAL
1- 122 1- 124 2-1221 2-1562 3-1106
3-1108 3-1361 3-2179
-- PROPERTIES NUCLEAR
1- 329 1- 980 1-1435 2- 687 2- 939
2- 993 2-1618 2-2139 3- 765 3-1138
3-1255 3-2274 3-2316
-- PROPERTIES PHYSICAL
1-1311 2- 511 2- 515 2-1591 3-1107
3-1108 3-1214 3-2182
-- RADIATION ABSORPTION BY
1- 728 1-1234 2- 382 2-1165 2-1166
-- RADIATION SCATTERING BY
3-1951

BERYLLIUM
-- SEPARATION METHODS
3-1198 3-1539
-- SPECTRA
1-1725 1-1947
-- STRUCTURE CRYSTAL
1-1811 3-1106 3-1108
BERYLLIUM BE 7
-- FORMATION OF
2-1094 2-1392 2-1803 3- 399 3- 790
3-1198 3-1741 3-1967
-- PROPERTIES NUCLEAR
1- 693 1- 987 1-1015 .1028 1-1325
1-1487 1-1929 2- 844 2-1264 2-2196
3- 187 3-1161 3-1163 3-1685 3-1741
3-1756 3-2258
-- STRUCTURE ATOMIC
1-1028 2- 844
-- TRACER APPLICATIONS
1- 606 1-1092 2-1327 2-1331 3-1049
BERYLLIUM BE 8
-- FORMATION OF
3- 155 3-2327
-- PROPERTIES NUCLEAR
1-1485 1-1702 2-1392 2-2201 3-1262
3-2258
BERYLLIUM BE 9
-- CROSS SECTION ELECTRON
1-1485
-- CROSS SECTION PROTON
1- 223
-- PROPERTIES NUCLEAR
1- 223 1- 815 1-1445 1-1485 1-1486
2- 291 2- 296 2- 633 2-1231 2-1404
2-1972 3- 155 3- 780 3-1276 3-1277
3-1403 3-1417 3-1419 3-1473 3-1580
3-1720 3-2258 3-2327 3-2328
-- RADIATION ABSORPTION BY
3-1720
BERYLLIUM BE 10
-- PROPERTIES NUCLEAR
1-1887 2- 942 2-1266 2-1267 3-1747
BERYLLIUM ALLOYS
-- GRINDING OF
1-1285
-- METALLOGRAPHIC EXAMINATION
2-1582
-- PRODUCTION
1- 124 1-1845
-- PROPERTIES METALLURGICAL
3- 703 3-1109
-- STRUCTURE CRYSTAL
1-1140 2-1378
BERYLLIUM COMPOUNDS
-- BERYLLIUM ALUMINATE
1-1546
-- BERYLLIUM ALUMINUM SILICATE
1-1545
-- BERYLLIUM BOROHYDRIDE
2- 678
-- BERYLLIUM CARBIDE
1-1775 2- 50 2- 51
-- BERYLLIUM CARBONATE
1- 622
-- BERYLLIUM CHLORIDE
3-1112
-- BERYLLIUM CITRATE
2-1327
-- BERYLLIUM FLUORIDE
1- 486 1- 924 1-1487 1-1539 3-1161
3-1756
-- BERYLLIUM HYDRIDE
2- 76
-- BERYLLIUM HYDRIDE METHYL-
2- 76
-- BERYLLIUM HYDROXIDE
1- 921 1-1539
-- BERYLLIUM OXIDE
1- 48 1- 124 1- 429 1- 647 1- 909
1- 911 1-1028 1-1311 1-1526 1-1539
1-1541 1-1543 1-1545 1-1546 1-1548
1-1780 1-1791 1-1848 1-1947 2- 54
2- 844 2- 902 2- 903 2-1185 2-1516
3- 908 3-1161 3-1902
- BERYLLIUM SILICATES
1-1546
-- BERYLLIUM SULFATE
1- 420 1- 606 1- 921 1- 924 1-1096
1-1539 2- 46 2-1330 2-1512 2-1513
3- 210 3-1049 3-2042
-- BERYLLIUM SULFIDE
1-1791
-- BERYLLIUM ZINC SILICATE
3-160
BERYLLIUM POISONING
-- MEDICAL PROGRAM FOR
2-1371
BETA PARTICLES
SEE ALSO ELECTRONS NUCLEAR PARTICLES
POSITRONS AND RADIATION
-- ABSORPTION
1- 224 1- 885 2- 9 2- 374 2-1497
2-1870 2-1871 2-1874 3-1601 3-1933
3-2253 3-2295
-- BIOLOGICAL EFFECTS
1- 17 1- 18 1- 22 1- 30 1- 235
BETA PARTICLES
-- BIOLOGICAL EFFECTS
1- 246 1- 605 1- 893 1-1086 1-1241
1-1529 1-1763 3- 9 3- 504 3- 957
3-1046 3-1794 3-1820 3-2097
-- BREMSSTRAHLUNG
1- 400 2-1269 2-1635 3- 712 3-2010
3-2034
-- CHEMICAL EFFECTS
1- 332 1-1036 1-1488 3-1339 3-1677
3-2134
-- DETECTION AND MEASUREMENT
1- 89 1- 91 1- 93 1- 146 1- 149
1- 151 1- 224 1- 292 1- 502 1- 503
1- 504 1- 839 1- 747 1- 772 1- 795
1- 797 1- 954 1- 996 1-1023 1-1148
1-1375 1-1442 1-1443 1-1650 1-1653
1-1671 1-1873 2- 182 2- 188 2- 189
2- 190 2- 192 2- 194 2- 209 2- 215
2- 216 2- 220 2- 544 2- 547 2- 548
2- 550 2- 554 2- 557 2- 801 2- 804
2- 808 2- 809 2- 810 2- 813 2- 814
2- 958 2- 967 2-1109 2-1246 2-1247
2-1248 2-1251 2-1253 2-1267 2-1271
2-1422 2-1435 2-1519 2-1523 2-1641
2-1646 2-1647 2-1795 2-1869 2-1870
2-1871 2-1872 2-1873 2-1874 2-1875
2-1877 2-1879 2-1880 2-1881 2-2003
2-2007 2-2030 2-2111 2-2170 2-2178
3- 161 3- 429 3- 430 3- 434 3- 454
3- 458 3- 466 3- 821 3- 828 3- 831
3- 835 3- 840 3- 842 3-1002 3-1013
3-1044 3-1431 3-1438 3-1442 3-1590
3-1737 3-2000 3-2002 3-2295 3-2304
3-2310 3-2311 3-2312
-- DIFFUSION AND SCATTERING
1- 224 1- 400 2- 2 2- 691 2- 827
2- 968 2-1870 2-1871 2-1872 2-1873
3- 120 3- 712 3-1464 3-2295 3-2317
-- DOSAGE DETERMINATIONS
1- 747 1-1412 1-1519 3- 41 3- 913
-- ELECTRON CREATION FROM
1- 154 1- 694
-- FROM ACTINIUM ISOTOPES
2-2203
-- FROM ALUMINUM ISOTOPES
1-1034 3-2024
-- FROM AMERICIUM ISOTOPES
1-1066 2-1475
-- FROM ANTIMONY ISOTOPES
2- 848 2-1683 2-1837 2-1843 3-1032
3-1311 3-1317 3-1418
-- FROM ARGON ISOTOPES
2 1435 2-2199
-- FROM ARSENIC ISOTOPES
2- 290 3-2336
-- FROM BARIUM ISOTOPES
1-1928 2-1661 2-1662 2-1664 3-2026
-- FROM BERYLLIUM ISOTOPES
2-1266 2-1267 3-1747
-- FROM BISMUTH ISOTOPES
1- 9 1-1320 1-1699 2- 9 2- 619
2- 623 2- 636 2-1142 2-1440 2-1875
3- 182 3-1746 3-1754
-- FROM BORON ISOTOPES
2- 622 3-1601
-- FROM BROMINE ISOTOPES
2-1060
-- FROM CADMIUM ISOTOPES
2-1139 2-1682 3-2253
-- FROM CALCIUM ISOTOPES
3- 1467
-- FROM CARBON ISOTOPES
1- 224 1-1193 1-1233 1-1698 1-1699
3- 490
-- FROM CERIUM ISOTOPES
1- 703 2- 284 3- 487 3-1794 3-2332
-- FROM CESIUM ISOTOPES
1- 691 2- 996 2-1658 2-1659 2-2220
3- 176 3-1310 3-1467 3-1470 3-1754
3-2018 3-2019
-- FROM CHLORINE ISOTOPES
2-1272 3-1742 3-1744 3-1745 3-1747
3-2322
-- FROM COBALT ISOTOPES
2- 624 2-1441 2-2032 3-2018 3-2019
3-2326
-- FROM COLUMBIUM ISOTOPES
1-1706 2- 999 3- 879 3-2018 3-2019
-- FROM COPPER ISOTOPES
1-1033 1-1699 2- 216 2- 282 2- 617
2- 618 2-1142 2-1437 2-2021 3- 893
3-1747
-- FROM DYSPROSIUM ISOTOPES
1-1941 3-1760 3-2018 3-2019 3-2221
-- FROM ERBIUM ISOTOPES
3-1964
-- FROM EUROPIUM ISOTOPES
1- 543 1-1043 1-1701
-- FROM FISSION PRODUCTS
1- 194 3-1604
-- FROM FLUORINE ISOTOPES
1- 836 3- 493
-- FROM GADOLINIUM ISOTOPES
1- 543 2-2209

BETA PARTICLES
-- FROM GALLIUM ISOTOPES
1-1029 1-1927
-- FROM GERMANIUM ISOTOPES
3- 189
-- FROM GOLD ISOTOPES
1- 837 1-1191 1-1877 1-1927 2-1268
2-1694 2-1840 2-2027 3- 887 3-1013
3-1467 3-1753 3-1754
-- FROM HAFNIUM ISOTOPES
2- 286 2- 287 2-1139 2-1140 2-1691
3- 881 3-1162 3-2020 3-2253
-- FROM HELIUM ISOTOPES
2-1690 2-2221
-- FROM HOLMIUM ISOTOPES
3-2338
-- FROM HYDROGEN ISOTOPES
1-1319 1-1476 2- 204 2- 850 2- 968
2-1216 2-1228 2-1688 2-1692 2-1839
2-1842 3- 185 3-1755
-- FROM INDIUM ISOTOPES
3- 686 3-1028 3-1465 3-2026
-- FROM IODINE ISOTOPES
2- 842 2-1669 2-1670 3-1313 3-1317
3-1467
-- FROM IRIDIUM ISOTOPES
1- 885 1-1698 3-2018 3-2019 3-2253
-- FROM KRYPTON ISOTOPES
3-1315
-- FROM LANTHANUM ISOTOPES
2-1663 2-1664 2-1673 2-1678
-- FROM LEAD ISOTOPES
2- 550 2- 623 2-1440
-- FROM LITHIUM ISOTOPES
2- 622
-- FROM LUTECIUM ISOTOPES
3- 494 3-2338
-- FROM MAGNESIUM ISOTOPES
1-1034
-- FROM MERCURY ISOTOPES
1- 688 1-1474 2-1131 3-1316 3-2253
-- FROM MESON DISINTEGRATION
1- 629 1-1421 1-1424 1-1617 2- 733
2-1357 2-1552
-- FROM MOLYBDENUM ISOTOPES
3-1478
-- FROM NEODYMIUM ISOTOPES
2-1674
-- FROM NEPTUNIUM ISOTOPES
2-1489 3- 873
-- FROM NICKEL ISOTOPES
3- 889 3-1312
-- FROM OSMIUM ISOTOPES
1- 840 1-1706
-- FROM OXYGEN ISOTOPES
3-1748 3-2332
-- FROM PALLADIUM ISOTOPES
3-2022
-- FROM PHOSPHORUS ISOTOPES
1-1324 3-1032 3-1746 3-1749 3-1754
-- FROM PLATINUM ISOTOPES
1-1191 2-2027 3-2253
-- FROM POLONIUM ISOTOPES
2- 550 2-1440
-- FROM POTASSIUM ISOTOPES
1- 695 1-1184 2- 295 2- 635 2-1134
2-2024 2-2029 3- 175 3- 875 3- 888
3-1595 3-1746
-- FROM PRASEODYMIUM ISOTOPES
2- 284 2-2042 3-1311 3-2332
-- FROM PROTOACTINIUM ISOTOPES
1-1698 2-1488 2-1875
-- FROM RADIOACTIVE MINERALS
3-1679
-- FROM RADIUM ISOTOPES
2- 623 2-2203 3-1988
-- FROM RHENIUM ISOTOPES
1- 191 1-1706 3- 880 3-1605 3-1754
3-2023
-- FROM RHODIUM ISOTOPES
2-1679 3-1311
-- FROM RUBIDIUM ISOTOPES
1-1318 1-1927 2- 301 2-1077 3-1760
-- FROM RUTHENIUM ISOTOPES
1-1941 2-1679 2-1680
-- FROM SAMARIUM ISOTOPES
1- 539 2- 647
-- FROM SCANDIUM ISOTOPES
1- 837 1-1927 3- 899
-- FROM SELENIUM ISOTOPES
1-1522
-- FROM SILVER ISOTOPES
2-2208 3- 174 3- 190
-- FROM SODIUM ISOTOPES
3-1316 3-1620 3-2326 3-2329
-- FROM STRONTIUM ISOTOPES
1-1190 3- 488 3- 489 3- 877 3-1032
3-1754
-- FROM SULPHUR ISOTOPES
1- 3 1-1181 1-1193 1-1233 1-1475
1-1699 2- 374 2- 627 2-1142 3-1464
3-2310
-- FROM TANTALUM ISOTOPES
1- 885 3- 884 3-2253
-- FROM TECHNETIUM ISOTOPES
2-1686 2-2020
BETA PARTICLES
-- FROM TELLURIUM ISOTOPES
2- 634 2-1569 3-2013
-- FROM TERBIUM ISOTOPES
1- 543 2-2209
-- FROM THALLIUM ISOTOPES
1-1183 2- 550 2-1143 2-1440 3-2323
-- FROM THORIUM FISSION
1-1864
-- FROM THORIUM ISOTOPES
2- 283 2- 892 2- 934 2- 997 2-1036
-- FROM THULIUM ISOTOPES
3- 880 3-1607 3-2016 3-2019 3-2023
3-2338
-- FROM TIN ISOTOPES
2-1137 3-1603 3-1750 3-1759
-- FROM TUNGSTEN ISOTOPES
1- 837 1-1701 2- 297 2- 995 2-1838
3-1964
-- FROM URANIUM FISSION
1-1864
-- FROM URANIUM ISOTOPES
1-1372 2- 934
-- FROM VANADIUM ISOTOPES
3- 899
-- FROM XENON ISOTOPES
2-1670 2-1672 3-2013
-- FROM YTTERBIUM ISOTOPES
3-1964
-- FROM YTTRIUM ISOTOPES
1-1190 2-1130 2-2043 3- 469 3- 877
3-1032 3-1470 3-1743 3-1746 3-1754
-- FROM ZIRCONIUM ISOTOPES
1-1941
-- HEALTH HAZARDS INVOLVING
3-2094
-- IDENTIFICATION WITH ELECTRONS
1- 315
-- IONIZATION PRODUCED BY
3- 815 3-1878 3-2009
-- K-CAPTURE
3- 1163
-- NUCLEAR REACTIONS
1-1485 2- 523 2-1810
-- RADIOGRAPHIC USES
1- 699 1-1490
-- RANGE ENERGY RELATIONS
3-1590
-- SOURCES AND STANDARDS
2-1675 3- 822 3- 840 3-1462 3-1749
3-1988 3-1989 3-2295
-- THERAPEUTIC USES
1- 560 2- 853 2-1442 2-1698 2-1847
2-2033 3- 48 3- 251 3-1521 3-2109
BETASYNCHROTRON
SEE ACCELERATORS PARTICLE
BETATRON
SEE ACCELERATORS PARTICLE
BIBLIOGRAPHIES
-- ACCELERATORS PARTICLE
3- 410 3- 1975
-- AVAILABILITIES AND SOURCES OF
ELEMENTS
3- 91
-- BERYLLIUM ANALYTICAL CHEMISTRY
1-1782
-- BETA RADIATION MEASUREMENT
3- 458
-- BIOLOGICAL EFFECTS OF RADIATION
1-1761
-- BIOLOGICAL USES ISOTOPES
1- 387 1-1761
-- CHEMICAL REACTIONS
2- 79
-- CORROSION
1- 927 1- 929
-- ELECTROSTATIC GENERATOR
ACCELERATORS
3-1973
-- GAS SOLUBILITY IN ORGANIC LIQUIDS
2-1242
-- HEALTH PHYSICS
3-1991
-- KRYPTON
3-1652
-- LIQUID METAL HEAT TRANSFER
2-1587
-- METAL CARBONYLS
2-1760
-- METAL DIFFUSION
3-1362
-- MOLYBDENUM
3-1677
-- NICKEL FILMS
2- 514
-- NUCLEAR ENERGY
3- 422
-- NUCLEAR PARTICLES
2-2002 3-1426
-- NUCLEAR POWER ASPECTS SOCIAL ECONOMIC
1-1795
-- NUCLEAR PROPERTIES OF ISOTOPES
2-1976
-- PARTICLE ACCELERATORS
2- 235

BIBLIOGRAPHIES
-- PETROLEUM WELL LOGGING
1- 679
-- POTASSIUM K-40 RADIOACTIVITY
3- 173
-- RADIATION ABSORPTION AND SCATTERING
3-1991
-- RADIATION DETECTION INSTRUMENTS
3-1991
-- RADIATION DETECTOR COMPONENTS
3-1010
-- RADIATION PROTECTION
3- 538
-- RADIATION SOURCES AND STANDARDS
3-1991
-- RADIOCHEMICAL LABORATORIES
3-1991
-- RADIOISOTOPES SAFETY REGULATIONS
3-2095
-- RADIUM POISONING
1- 610
-- SCIENTIFIC TERMS AND ABBREVIATIONS
3- 809
-- SNYCHROTRONS
3-1977
-- SZILARD-CHALMERS REACTION
2-1798
-- THERAPEUTIC AND TRACER USE OF P-32
3- 926
-- THORIUM ANALYSIS
3-1656
-- TITANIUM METALLURGY
1-1619
-- TRACER APPLICATIONS
2- 334 3-1650
-- TUNGSTEN
3-1559 3-1677
-- VOLTAGE REGULATION AND CORONA DISCHARGE
2-1819
-- ZIRCONIUM METALLURGY
1-1626
-- ZIRCONIUM PROPERTIES
3-2178
BICARBONATE
-- METABOLISM OF
3- 61 3- 608
BIOLOGICAL MATERIAL
-- ANALYSIS
2-2082
-- ANALYSIS FOR BERYLLIUM
2- 931
-- RADIOACTIVITY DETERMINATIONS IN
2- 557 2- 958 2-1861 2-2177
BIOLOGICAL NOMENCLATURE
2- 880
BIOTIN
-- METABOLISM OF
3- 608
-- SYNTHESIS OF LABELED
3-1203
BIPHENYL
SEE DIPHENYL
BISMUTH
-- ANALYSIS FOR OXYGEN IN
3-1658
-- CROSS SECTION NEUTRON
1- 140 1- 979 2- 523 2-2142 3-1392
-- FISSION OF
2-1613 2-1975 3-1726
-- PRODUCTION
1-1623 1-1629
-- PROPERTIES NUCLEAR
2- 947 2-1991
-- RADIATION ABSORPTION BY
2- 373
-- RADIATION SCATTERING BY
1- 140 3-1951
-- RADIATION STOPPING BY
2-1885
-- SPECTRA
1-1221
-- STRUCTURE CRYSTAL
3-1364 3-1950
BISMUTH ISOTOPES
-- PROPERTIES NUCLEAR
2-1383 3-2249
BISMUTH BI-209
-- CROSS SECTION DEUTERON
2- 384
-- FISSION OF
3- 142
-- PROPERTIES NUCLEAR
2-1404
BISMUTH BI-210
-- CROSS SECTION DEUTERON
2- 384
-- FORMATION OF
2-1991
-- PROPERTIES NUCLEAR
1-1189 1-1699 2- 619 2- 636 2-1142
2-1875 3- 182 3- 822 3-1431 3-1746
3-1754 3-1989
BISMUTH BI-212
-- PROPERTIES NUCLEAR
1-1926 2-1132 2-1440
BISMUTH BI-213
-- PROPERTIES NUCLEAR
1-1316
BISMUTH BI-214
-- PROPERTIES NUCLEAR
1- 886 1-1320 1-1925 2- 3 2- 623
3-1029 3-1472 3-1595 3-1610
BISMUTH ALLOYS
-- PROPERTIES PHYSICAL
2-1588
BLADDER DISEASES
-- RADIATION THERAPY
2-1146 3- 236 3- 932
-- RADIOISOTOPES THERAPY
3- 931 3- 932 1852
BLOOD
-- ANALYSIS FOR FLUORIDE IN
1- 753
-- DETERMINATION OF FLOW RATE
2-1297 3- 268 3- 271 3- 614 3- 615
3-1503
-- DETERMINATION OF VOLUME
2- 666 3- 937
-- MEASUREMENT OF RADIOACTIVITY IN
1- 576 1- 577 1- 639 1- 714
-- METABOLISM OF ARSENIC IN
2-1296
-- METABOLISM OF COPPER IN
1- 713 2-1153
-- METABOLISM OF IRON IN
1- 390
-- METABOLISM OF PHOSPHORUS IN
2- 673 2-1296
-- METABOLISM OF POTASSIUM IN
1-1212 2-1018
BLOOD CELLS
-- FORMATION RATE
2- 332
-- LIFE SPAN
1- 368 1- 380 1- 388 3-1797
-- RADIOAUTOGRAPHS
2- 303
-- VOLUME DETERMINATION
2-1152 2-2051 2-2054
BLOOD COAGULATION
-- EFFECTS OF RADIATION ON
1- 40 1-1314 2- 703 2-1691 3-1816
-- EFFECTS OF TOLUIDINE BLUE ON
3- 22
BLOOD DISEASES
SEE ALSO LYMPH DISEASES
-- CHEMICAL THERAPY
2- 346 2-1458 3- 532 3- 614 3- 615
3-1644
-- RADIATION THERAPY
1-1038 3- 34 3- 573 3-1532 3-2107
-- RADIOISOTOPES THERAPY
1- 348 1- 350 1- 352 1- 353 1- 472
1- 557 1- 558 1- 718 1-1038 1-1197
1-1198 1-1199 1-1332 1-1494 2- 856
2- 857 2- 858 3- 67 3- 264 3- 571
3- 589 3- 924 3-1519 3-1647 3-2092
3-2107
BLOOD PLASMA
-- EFFECTS OF RADIATION ON
3-1172
BLOOD PRESSURE
-- EFFECTS OF RADIATION ON
3-1066
BLOOD PRESSURE RECORDERS
-- CONSTRUCTION AND OPERATION
3-1048
BLOOD SYSTEM
SEE ALSO LYMPH SYSTEM
-- EFFECTS OF ANTICOAGULANTS ON
3-2050
-- EFFECT OF BERYLLIUM COMPOUNDS ON
1- 420 2-1512
-- EFFECT OF COBALT COMPOUNDS ON
2-1153
-- EFFECTS OF FLUORINE COMPOUNDS ON
3- 321
-- EFFECTS OF MERCURY COMPOUNDS ON
3-1081
-- EFFECTS OF NITROGEN MUSTARD ON
3-1822
-- EFFECTS OF PLUTONIUM COMPOUNDS ON
3-1047
-- EFFECT OF RADIATION ON
1- 13 1- 35 1- 38 1- 40 1- 40
1- 356 1- 404 1- 410 1- 415 1- 802
1- 813 1- 837 1- 892 1- 896 1- 903
1- 905 1-1067 1-1091 1-1116 1-1180
1-1237 1-1241 1-1528 1-1696 1-1697
2- 28 2- 34 2- 395 2- 400 2- 401
2- 402 2- 614 2- 703 2- 836 2- 838
2- 860 2- 983 2- 984 2- 985 2-1057
2-1127 2-1175 2-1176 2-1263 2-1321
2-1508 2-1509 2-1655 2-1891 3- 34
3- 203 3- 207 3- 221 3- 507 3- 510
3- 511 3- 906 3-1036 3-1037 3-1040

BLOOD SYSTEM
-- EFFECT OF RADIATION ON
3-1042 3-1054 3-1327 3-1635 3-1639
3-1644 3-1647 3-1812 3-1817 3-1818
3-2079 3-2098 3-2100 3-2102
-- EFFECT OF RADIOISOTOPES ON
1- 14 1- 15 1- 35 1- 38 1- 42
1- 415 1- 416 1- 892 1-1116 1-1765
-- EFFECT OF URANIUM COMPOUNDS ON
1- 612 2- 406 2- 898
-- EFFECTS OF YTTRIUM COMPOUNDS ON
3-1047
-- METABOLISM OF CARBOHYDRATES IN
3-1190
-- METABOLISM OF COPPER IN
1- 713 2-1153 3- 269
-- METABOLISM OF IODINE IN
3-1191
-- METABOLISM OF IRON IN
1- 390 3- 595 3- 620 3-1325
-- METABOLISM OF PHOSPHORUS IN
2- 673 2-1296 3-1805 3-1809
BLOOD VESSELS
-- CHLORIDE PERMEABILITY STUDIES
3-1501
BLOWERS
SEE PUMPS
BODY FLUIDS
-- RADIOMETRIC ANALYSIS OF
3-2057
BODY WATER
-- CHANGES PRODUCED BY RADIATION
2-1319
BOLOMETERS
-- RADIATION DETECTION USES
3-1283
BONE DISEASES
-- RADIATION THERAPY
2-1281 2-1444 3- 37 3- 57 3- 237
3- 259 3- 558 3- 564 3- 565 3- 584
3- 585 3- 936 3-1057 3-1067 3-1070
3-1071 3-1522 3-2103 3-2112
-- RADIOISOTOPES THERAPY
2-1003 3- 558 3- 584
BONE MARROW
-- EFFECTS OF RADIATION ON
3-1639 3-1647
BONES
SEE ALSO TEETH
-- DEPOSITION OF FISSION PRODUCTS IN
2-1181 2-1326
-- DEPOSITION OF GALLIUM IN
3-1177 3-1179 3-1180
-- DEPOSITION OF PLUTONIUM IN
2-1326 3-1047
-- DEPOSITION OF PROMETHIUM IN
3- 524
-- DEPOSITION OF RADIUM IN
3-1053
-- DEPOSITION OF STRONTIUM IN
3- 524
-- DEPOSITION OF TRANSURANIC ELEMENTS IN
2-1181
-- DEPOSITION OF URANIUM IN
1- 908 1-1386 1-1387 1-1388
2- 898 2-2080
-- DEPOSITION OF YTTRIUM IN
3-1047
-- EFFECTS OF BERYLLIUM COMPOUNDS ON
3- 210
-- EFFECTS OF PLUTONIUM ON
1- 16 1- 42
-- EFFECTS OF RADIATION ON
1- 893 2- 396 2- 397 2- 403 3-1040
3-104- 3-1827 3-2078
-- EFFECTS OF RADIUM ON
1- 16
-- METABOLISM OF CALCIUM IN
2-1150 2-1461
-- METABOLISM OF HEMIN IN
2-1021
-- METABOLISM OF NUCLEIC ACID IN
3-1322
-- METABOLISM OF PHOSPHORUS IN
1- 47 1- 574 1- 575 1- 580 1- 715
1- 876 1-1058 2-1455
BORON
-- ANALYSIS
1- 57 1-1952
-- ATOMIC WEIGHT
1-1595
-- CROSS SECTION NEUTRON
3-1392
-- PLASTIC BONDING OF
1-1141 1-1142
-- PRODUCTION
1-1621 1-1623 1-1629
-- PROPERTIES NUCLEAR
1- 329 2- 8 2-1384 3-2274
-- PROPERTIES PHYSICAL
1-1141 1-1142 2- 253
-- RADIATION ABSORPTION BY
2-1165 3- 986
-- SPECTRA
1-1725
BORON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1595 3-2225
-- PROPERTIES NUCLEAR
2-2045
BORON 8-9
-- PROPERTIES NUCLEAR
3-2258
BORON 8-10
-- CROSS SECTION ALPHA
1-1893 3-1971
-- FORMATION OF
3-2327
-- PROPERTIES NUCLEAR
1- 4 1- 510 1- 813 1- 999 1-1863
1-1890 2- 566 2- 942 2- 943 2-1135
2-1141 3- 287 3- 790 3- 792 3- 898
3-1416 3-1968
-- USES IN SYNTHESES
3- 639
BORON 8-11
-- CROSS SECTION ALPHA
1-1893
-- FORMATION OF
2- 174
-- PROPERTIES NUCLEAR
1- 295 1- 510 1-1013 1-1863 1-1890
1-1915 2- 565 2- 573 2- 812 2- 943
3-1403 3-1406 3-1601 3-1968
BORON 8-12
-- PROPERTIES NUCLEAR
1-1915 2- 622
BORON COMPOUNDS
-- BORANE DI
2- 77
-- BORANE PENTA-
2- 76 2- 77
-- BORATE BARIUM FLUO-
2- 436
-- BORATE POTASSIUM FLUO-
2- 436
-- BORATE SODIUM
3-1150
-- BORATE ZINC
3-1150
-- BORIC ACID
3- 639 3-1150
-- BOROHYDRIDE ALUMINUM
2- 76 2- 678
-- BOROHYDRIDE LITHIUM
1- 756 2- 678
-- BOROHYDRIDE POTASSIUM
1- 756
-- BOROHYDRIDE SODIUM
1- 756
-- BOROHYDRIDES
2- 431
-- BOROHYDRIDES ALUMINUM ALKYL
2- 76
-- BORON CARBIDE
1-1142
-- BORON CHLORIDE
2- 560
-- BORON FLUORIDE
1- 922 1-1595 2- 78 2- 250
-- BORON HYDRIDES
2-1763
-- BORON OXIDE
3-1730
BRAIN
-- EFFECTS OF RADIATION ON
2- 33 2-1010 3-1510
-- METABOLISM OF PHOSPHORUS IN
1- 391 3-2065
BRAIN DISEASES
-- RADIATION THERAPY
3-1185 3-1526
-- RADIOISOTOPES THERAPY
3- 263
BRAIN TUMORS
-- LOCATION WITH I-131
1- 376 1- 870 1-1738
BRASS
-- RADIATION ABSORPTION BY
1- 71
BROADCAST RECEIVERS
-- RADIATION DETECTION USES
1-1272
BROMIDE IONS
-- STABILIZATION OF ORGANIC COMPOUNDS BY
2-1262
BROMINE
-- ANALYSIS
1-1252 2- 425 3- 81
-- PROPERTIES CHEMICAL
2- 432 2-1522
-- PROPERTIES NUCLEAR
1-1801 1-1892 3-1713
-- PROPERTIES PHYSICAL
3-2150
-- STRUCTURE ATOMIC
1-1456
BROMINE ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 757 3-2220

BROMINE ISOTOPES
-- ANALYSIS RADIOMETRIC
3-1087 3-1446
-- FORMATION OF
1- 470
-- PROPERTIES NUCLEAR
2-1138
-- SEPARATION METHODS
1- 116 1-1135 2- 760 3-1713
-- TRACER APPLICATIONS
1- 576 2- 674 2-1522 2-2058 3- 624
-- USES IN SYNTHESIS
1- 925 1-1103
BROMINE BR-75
-- PROPERTIES NUCLEAR
1-1705
BROMINE BR-77
-- PROPERTIES NUCLEAR
1-1705
BROMINE BR-79
-- PROPERTIES NUCLEAR
1-1858 2- 432 2-1404 3-1403
BROMINE BR-80
-- CROSS SECTION NEUTRON
1- 136
-- ISOTOPIC SEPARATION
3-1937
-- PROPERTIES NUCLEAR
1- 116 1-1705 1-1858 2-2022 2-2204
3- 179 3- 892
BROMINE BR-81
-- PROPERTIES NUCLEAR
2-1404 3-1403
BROMINE BR-82
-- FORMATION OF
2-1677
-- PROPERTIES NUCLEAR
1-1167 3-2334
-- THERAPEUTIC USES
1- 560
-- TRACER APPLICATIONS
2- 671 2-1031
BROMINE BR-85
-- PROPERTIES NUCLEAR
2-1000
BROMINE BR-87
-- PROPERTIES NUCLEAR
2-1000
BROMINE BR-88
-- PROPERTIES NUCLEAR
2-1000
BROMINE COMPOUNDS
-- BROMINE CYANIDE
3- 670
-- HYDROGEN BROMIDE
2-2022
BROMOBENZENE
SEE BENZENE BROMO-
BROMOFORM
-- EFFECTS OF RADIATION ON
1- 413
BROMOHYDROXYNAPHTHOQUINONE
SEE NAPHTHOQUINONE 2 BROMO-3-HYDROXY-
BROMOMALONIC ACID
SEE MALONIC ACID BROMO-
BROMONAPHTHALENE
SEE NAPHTHALENE ALPHA-BROMO

BURETTES
-- ULTRAMICRO
2- 144
BUTADIENE 1-3
-- CROSS SECTION NEUTRON
3-1391
BUTANE
-- ISOMERIZATION OF
3- 315
BUTANE IODO
-- EFFECTS OF RADIATION ON
3-1540
BUTANE-N
-- CROSS SECTION NEUTRON
3-139-
BUTANOL
SEE BUTYL ALCOHOL
BUTENE-1
-- PROPERTIES CHEMICAL
3- 949
BUTENES
-- DEUTERIUM EXCHANGE IN
1-1585
-- SNYTHESIS OF LABELED
3-1343
BUTYL ALCOHOL I
-- SOLUBILITY OF URANYL NITRATE IN
2-1741
BUTYL ALCOHOL T
-- SOLUBILITY OF URANYL NITRATE IN
2-1741
BUTYL BROMIDE N
-- NUCLEAR ISOMERS OF
1-1135 2- 760
BUTYL PHOSPHATE
-- SOLVENT EXTRACTION OF CERIUM BY
2-1448

BUTYL RADICAL
-- SPECTRA
3-1880
BUTYRIC ACID GAMMA TRIFLUORO-
-- SYNTHESIS OF
1-1589

CADMIUM
-- ANALYSIS
1- 430 3- 76 3- 78
-- CROSS SECTION ELECTRON
1- 595
-- CROSS SECTION NEUTRON
3-1392
-- EFFECTS OF RADIATION ON
1- 997
-- METABOLISM AND TOXICOLOGY
1- 48 3-1056 3-1056
-- PRODUCTION
1-1629
-- PROPERTIES CHEMICAL
2- 79
-- PROPERTIES NUCLEAR
3- 190 3-1659 3-2017
-- RADIATION ABSORPTION BY
3- 160
-- SEPARATION METHODS
1-1279 2-1139 2-1531 87 3 1660
CADMIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
-- PROPERTIES NUCLEAR
2- 285 3-2253
-- SEPARATION METHODS
2- 925
CADMIUM CD-109
-- FORMATION OF
3-1660
CADMIUM CD-110
-- FORMATION OF
3- 174
CADMIUM CD-113
-- PROPERTIES NUCLEAR
3- 891 3-1397
CADMIUM CD-114
-- PROPERTIES NUCLEAR
3- 190
CADMIUM CD-115
-- PROPERTIES NUCLEAR
2-1139 2-1682
CADMIUM CD-117
-- PROPERTIES NUCLEAR
1- 143
CADMIUM ALLOYS
-- EVAPORATION OF
1- 966
-- STRUCTURE CRYSTAL
2- 163
CADMIUM COMPOUNDS
-- CADMIUM OXIDE
1- 48
-- CADMIUM SULFIDE
2- 809 2- 970 2-1247 2-1250 2-1422
3- 828 3- 838 3- 842 3- 848 3- 851
3-1593 3-2303
CALCIUM
-- ANALYSIS
1- 429 1- 752
-- CROSS SECTION NEUTRON
2-1974 2-2144
-- METABOLISM STUDIES WITH ISOTOPES
1- 580 2-1461 2-1854
-- PRODUCTION
1-1623
-- PROPERTIES CHEMICAL
2- 79
-- PROPERTIES METALLURGICAL
3- 340
-- SEPARATION METHODS
3- 90
CALCIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 841
-- TRACER APPLICATIONS
1- 580 2- 672
CALCIUM CA-40
-- PROPERTIES NUCLEAR
1- 796 2-1404 3- 793
CALCIUM CA-41
-- PROPERTIES NUCLEAR
3- 753 3-1583
CALCIUM CA-45
-- ANALYSIS RADIOMETRIC
3-2302
-- DOSAGE DETERMINATION
2-2040
-- PROPERTIES NUCLEAR
3- 90 3-1467
-- RADIOAUTOGRAPHIC USES
2-2040
-- THERAPEUTIC USES
1- 560 2-2040 3- 971
-- TRACER APPLICATIONS
2-1150 2-1461 2-1730 2-1854 3-1806
3-2056

CALCIUM ALLOYS
-- PROPERTIES METALLURGICAL
3- 340
CALCIUM COMPOUNDS
-- CALCIUM CARBONATE
1-1054 1-1575 1-1751 3-1190 3-2056
-- CALCIUM FLUOBORATE
1- 922
-- CALCIUM FLUORIDE
1-1334 1-1575 1-1751 2-1303 3- 161
-- CALCIUM GLYCOLLATE
2-1344
-- CALCIUM HYDRIDE
1- 757
-- CALCIUM HYDROXIDE
3-1102
-- CALCIUM OXIDE
1-1545 1-1780 1-1859 2-1974 3-1902
-- CALCIUM PHYLATE
1-1391
-- CALCIUM SULFATE
1-1575 1-1773
-- CALCIUM TITANATES
1-1778 1-1948
-- CALCIUM TUNGSTATE
2- 547 2-1112 2-1422 3- 163 3- 437
3- 465
-- CALCIUM URANATE
1- 721 3-1100 3-1102
CALORIMETERS
-- CONSTRUCTION AND OPERATION
1- 279 1-1284 1-1415 2-1373 2-1418
3-1214 3-2126
CAMERAS
-- ELECTRON DIFFRACTION
2- 563
-- SPECTROGRAPHIC
1-1049
-- X-RAY DIFFRACTION
1- 883 1-1415 1-1516 2- 160 2- 511
CANCER
SEE TUMORS AND CANCERS
CAPROIC ACID
-- SYNTHESIS BIOLOGICAL
3- 72
CARBOHYDRATES
SEE ALSO LIPIDS AND PROTEINS SPECIFIC
CARBOHYDRATES ARE ALSO LISTED
INDIVIDUALLY
-- CELLULOSE
2- 84
-- FRUCTOSE
1- 61
-- GLUCOSE
1- 61 1- 393 1- 717 1- 748 1-1217
2- 73 2-1151 2-1180 2-1459 2-2093
3- 60 3- 64 3- 312 3- 609 3- 941
3-1202 3-2060
-- GLYCOGEN
1-1217 2-1180 2-1459 2-1460 2-1462
3- 944
-- HEPARIN
1-1314 2-1928
-- HYALURONIC ACID
2-1835
-- MANNOSE
2-2093 3-1202
-- POLYSACCHARIDES
1-1736 1-1737
-- STARCH
1- 61 1- 333 3- 525
-- SUCROSE
1- 61 2-1293 3- 527 3-1323
-- SUGARS
3- 528
CARBON
SEE ALSO DIAMOND AND GRAPHITE
-- ANALYSIS
2-1106 2-1336
-- ANALYSIS RADIOMETRIC
1-1641 1-1931 2-1338 2-1759
-- CROSS SECTION GAMMA
3-1457
-- CROSS SECTION NEUTRON
1- 740 1- 969 1-1631 2- 526 2- 527
2- 777 2-1393 3-1392 3-2236
-- METABOLISM STUDIES WITH ISOTOPES
1- 252 1- 369 1- 372 1- 394 1- 396
1- 582 1- 865 1-1051 1-1054 1-1055
1-1214 1-1215 1-1216 1-1217 1-1353
1-1354 1-1733 2- 412 2- 665 2- 667
2- 669 2- 875 2- 878 2- 901 2-1019
2-1020 2-1021 2-1022 2-1023 2-1024
2-1182 2-1456 2-1457 2-1458 2-1459
2-1460 2-1462 2-1464 2-1465 2-1732
2-2050 2-2230 2-2236 3- 267 3- 273
3-1330 3-1626
-- PROPERTIES CHEMICAL
2- 79 3-1885
-- PROPERTIES NUCLEAR
2- 913 2-1799 3- 766 3-1394 3-1694
3-2316
-- PROPERTIES PHYSICAL
3- 662
-- PROPERTIES REFRACTORY
2- 54 2- 484
CARBON
-- RADIATION ABSORPTION BY
1- 728 1-1176 1-1374 2- 108 2- 375
2- 743 2-1165 2-1365 2-1913
-- RADIATION SCATTERING BY
1- 401 2- 386 3-1457
-- RADIATION STOPPING BY
2-1171
-- SPECTRA
1- 998 1-1725
-- STRUCTURE ATOMIC
1-1456 3-1766
CARBON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 471 2- 756 3-2222 3-2225
-- TRACER APPLICATIONS
1-1051 2- 340 2-1155
-- USES IN SYNTHESES
2- 340 2-1764
CARBON C-10
-- FORMATION OF
3-1966
-- PROPERTIES NUCLEAR
1-1887 2- 942 2-1141
CARBON C-11
-- FORMATION OF
1- 498 3-1966
-- PROPERTIES NUCLEAR
1-1307
-- THERAPEUTIC USES
4-2092
-- TRACER APPLICATIONS
1- 582 2- 671
-- USES IN SYNTHESIS
3-1667
CARBON C-12
-- CROSS SECTION GAMMA
1-1895
-- CROSS SECTION NEUTRON
4-1136
-- CROSS SECTION PROTON
2- 572
-- PROPERTIES NUCLEAR
1- 295 1-1035 1-1307 1-1308 1-1323
1-1432 1-1433 1-1895 2- 8 2- 572
2-1265 2-1404 2-1618 2-1972 2-2071
3- 397 3- 399 3-1276 3-1685 3-2327
3-2328 3-2337
-- USES IN SYNTHESIS
1- 66
CARBON C-13
-- FORMATION OF
1- 63 1-1641 3- 792
-- PROPERTIES NUCLEAR
1- 295 1- 998 1-1323 1-1453 2-1399
2-1972 3-1276 3-2327 3-2328
-- THERAPEUTIC USES
3-2092
-- TRACER APPLICATIONS
1- 369 1- 865 2- 872 2- 875 3- 71
3- 315
-- USES IN SYNTHESIS
1- 259 1-1554 2- 920 3- 284 3- 638
3- 642 3-1667
CARBON C-14
-- ANALYSIS RADIOMETRIC
3- 435 3- 443 3- 633 3- 952 3-1435
3-1444 3-2301 3-2302
-- BIOLOGICAL EFFECTS
1- 416 2- 35 2- 397
-- FORMATION OF
1- 62 1- 302 1- 469 2- 74 2- 174
2-1401 3-1260
-- PROPERTIES NUCLEAR
1- 40 1- 159 1- 224 1- 540 1- 795
1- 998 1-1193 1-1233 1-1321 1-1322
1-1453 1-1698 1-1878 1-1931 2- 618
2- 763 2-1106 2-1372 3- 490 3- 885
3- 910 3-1164 3-1314
-- RADIOAUTOGRAPHIC USES
1- 336 1-1195 2- 303 3-1080 3-1634
-- THERAPEUTIC USES
1- 560 3-2092
-- TRACER APPLICATIONS
1- 59 1- 252 1- 372 1- 373 1- 377
1- 379 1- 394 1- 396 1- 582 1- 774
1- 861 1- 969 1-1054 1-1055 1-1213
1-1214 1-1215 1-1216 1-1217 1-1353
1-1354 1-1733 1-1792 2- 665 2- 667
2- 669 2- 671 2- 874 2- 878 2- 883
2- 901 2-1019 2-1020 2-1021 2-1022
2-1023 2-1024 2-1182 2-1293 2-1456
2-1457 2-1458 2-1459 2-1462 2-1464
2-1465 2-1732 2-1852 2-1858 2-1862
2-1955 2-2048 2-2049 2-2050 2-2230
2-2236 3- 60 3- 61 3- 64 3- 69
3- 72 3- 264 3- 267 3- 270 3- 273
3- 312 3- 513 3- 529 3- 606 3- 608
3- 609 3- 940 3- 941 3- 944 3- 954
3-1080 3-1084 3-1190 3-1203 3-1323
3-1324 3-1330 3-1355 3-1504 3-1623
3-1624 3-1625 3-1626 3-1628 3-1632
3-1797 3-1798 3-1799 3-1800 3-1808
3-1884 3-1885 3-2060 3-2061 3-2071
3-2137

CARBON C-14
-- USES IN SYNTHESES
1- 61 1- 64 1- 66 1- 252 1- 259
1- 433 1- 618 1- 623 1- 759 1- 760
1- 923 1-1395 1-1396 1-1397 1-1789
1-1792 2- 73 2- 75 2- 437 2- 907
2- 908 2- 909 2- 910 2-1065 2-1341
2-1344 2-1346 2-1546 2-1761 2-1762
2-2091 2-2093 2-2094 3- 95 3- 215
3- 284 3- 286 3- 288 3- 525 3- 527
3- 528 3- 529 3- 645 3- 952 3-1091
3-1199 3-1202 3-1203 3-1623 3-1626
3-1667 3-1882 3-2136 3-2137 3-2140
CARBON COMPOUNDS
SEE ALSO ORGANIC COMPOUNDS
-- CARBIDES METALLIC
1- 764 1-1814
-- CARBON DIOXIDE
1- 394 1- 396 1- 471 1- 540 1- 623
1- 760 1- 926 1-1213 1-1251 1-1354
1-1678 2- 202 2- 412 2- 883 2- 907
2-1065 2-1242 2-1341 2-1372 2-1456
2-1460 3- 60 3- 61 3- 69 3- 148
3- 940 3- 944 3-1080 3-1084 3-1098
3-1203 3-1323 3-1444 3-1664 3-1885
3-2180 3-2301
-- CARBON DISULFIDE
1-1791 3-1444
-- CARBON MONOXIDE
1- 64 1- 926 1-1251 3-1657 3-1885
3-1892 3-2180
-- CARBON OXYSELENIDE
2- 328 2-1723
-- CARBON OXYSULFIDE
1- 159 1-1155 2- 327 2-1213 2-2047
-- CARBON TETRABROMIDE
2-1138
-- CARBON TETRACHLORIDE
1- 546 1-1818 1-1906 2- 128 2- 130
2- 437
-- CARBON TETRAHALIDES
1-1456
-- CARBONYL FLUORIDE
2-1208
CARBON TETRABROMIDE
-- EFFECTS OF RADIATION ON
2-1138
CARBON TETRACHLORIDE
-- ADSORPTION ON OXIDES
1-1906
-- EFFECTS OF RADIATION ON
1- 546
-- FLUORINATION OF
2- 128 2- 130
-- SYNTHESIS OF LABELED
2- 437
-- USES IN FLUOROCARBON PRODUCTION
1-1818
CARBON TETRAHALIDES
-- STRUCTURE MOLECULAR
1-1456
CARBONYL FLUORIDE
-- SPECTRA
2-1208
CARBOXYPEPTIDASE
-- EFFECTS OF RADIATION ON
3- 516 3- 956
CARMINIC ACID
-- REAGENT FOR THORIUM ANALYSIS
2- 716
CAROTENE
-- EFFECTS OF RADIATION ON
4-1339
CARTILAGE
-- METABOLISM OF SULFUR IN
3-2066
CASEIN IODO-
-- METABOLISM IN THYROID GLAND
3-1801 3-2053
-- SYNTHESIS OF LABELED
2-1545
CATS
-- EFFECTS OF RADIATION ON
1- 24 1- 418 2- 614 2-1320
-- METABOLISM AND TOXICOLOGY STUDIES
1- 46 1- 418 1-1734 2- 874 2-1512
2-2231 3- 621 3- 624
CATTLE
-- EFFECTS OF RADIATION ON
1- 245
-- METABOLISM AND TOXICOLOGY STUDIES
1- 713 2-1153
CELLOSOLVE DIETHYL
-- SOLUBILITY OF URANYL NITRATE IN
2-1741
CELLS
SEE ALSO BLOOD CELLS
-- EFFECTS OF DEUTERIUM COMPOUNDS ON
2-1787
-- EFFECTS OF RADIATION ON
1- 37 1- 39 1- 740 1- 894 2-1506
3-1045 3-1051 3-1169 3-1175 3-1826
3-2086
CELLULOSE
-- REACTION WITH FLUORINE
2- 84

CERAMICS
SEE REFRACTORIES
CERAMICS TESTING MACHINES
-- DESIGN AND CONSTRUCTION
2-1514
CERENKOV RADIATION
-- PRODUCTION OF
3-1739
CERIUM
-- ANALYSIS
1-1204 1-1336 1-1940 1-1942 1-1968
2-1448 2-1708 2-1710 2-1713 2-1714
2-1715 2-1716 2-1720
-- METABOLISM AND TOXICOLOGY
2-1181 2-1326 3-1794
-- OXIDATION AND REDUCTION STATES,
1- 357 2-1878 3- 313
-- PRODUCTION
1-1623 3-1894
-- PROPERTIES CHEMICAL
2- 79 3- 313 3- 672 3-1097
-- PROPERTIES NUCLEAR
1- 704
-- PROPERTIES PHYSICAL
1- 855
-- SEPARATION METHODS
1-1713
-- SPECTRA
1-1938 3- 664
CERIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 704 3-2220
-- PROPERTIES NUCLEAR
1-1715
-- TRACER APPLICATIONS
2-1326
CERIUM CE 135
-- PROPERTIES NUCLEAR
1- 703 1-1042
CERIUM CE 137
-- PROPERTIES NUCLEAR
1- 703 1-1042 1-1203
CERIUM CE 139
-- PROPERTIES NUCLEAR
1- 703 1-1042
CERIUM CE-140
-- CROSS SECTION NEUTRON
1- 975 2-2137
CERIUM CE 141
-- FORMATION OF
1-1203
-- PROPERTIES NUCLEAR
2- 284 3- 467 3-1438 3-2332
-- TRACER APPLICATIONS
3-1097
CERIUM CE 142
-- CROSS SECTION NEUTRON
1- 975 2-2137
CERIUM CE 143
-- FORMATION OF
1-1203 2-1666 2-1878
CERIUM CE 144
-- BIOLOGICAL EFFECTS
1- 416
-- THERAPEUTIC USES
3-1521
-- TRACER APPLICATIONS
3- 313 3- 672 3-1097
CERIUM ALLOYS
-- PROPERTIES
1- 970
-- STRUCTURE CRYSTAL
2-1378

CERIUM COMPOUNDS
-- CERATE POTASSIUM FLUO-
1- 762 1- 763
-- CERATE SODIUM FLUO-
1- 762
-- CERIUM ACETYLACETONATE
1-1716
-- CERIUM AMMONIUM NITRATE
1- 357
-- CERIUM BROMIDE
1- 588
-- CERIUM CHLORIDE
1- 588
-- CERIUM DEUTERIDE
3- 308
-- CERIUM HEXACYANOFERRATE
1-1336
-- CERIUM HYDRIDE
3- 308
-- CERIUM IODATE
1-1336
-- CERIUM NITRATE
2-1448
-- CERIUM OXALATE
1-1336
-- CERIUM OXIDE
1-1203 1-1336 1-1780 2- 284 2- 885
3-1096
-- CERIUM OXINATE
1-1336
-- CERIUM OXYSULFIDE
3- 666

CERIUM COMPOUNDS
-- CERIUM PHOSPHATES
1- 705 1-1712
-- CERIUM SILICIDE
1- 585
-- CERIUM SULFATE
1- 880
-- CERIUM SULFIDES
1- 723 1-1097 1-1098 1-1099 3- 665
CERMETS
-- PREPARATION OF
3-2175
CESIUM
-- ANALYSIS
1- 56
-- PRODUCTION
1-1621 1-1623
-- PROPERTIES CHEMICAL
2- 79
-- PROPERTIES NUCLEAR
1-1504
-- SEPARATION METHODS
2-1537 2-1538 2-1539 2-1678
CESIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2245
-- PROPERTIES NUCLEAR
1- 114 2-1659
CESIUM CS 127
-- PROPERTIES NUCLEAR
3-1310
CESIUM CS 129
-- PROPERTIES NUCLEAR
3-1310
CESIUM CS-130
-- PROPERTIES NUCLEAR
3-1310
CESIUM CS 131
-- FORMATION OF
1- 469 2-1402 2-1540
-- PROPERTIES NUCLEAR
2-1402 2-1599
CESIUM CS 133
-- PROPERTIES NUCLEAR
1- 538 1-1042 1-1715 2-1231 3-1403
3-1720
-- RADIATION ABSORPTION BY
3-1720
CESIUM CS 134
-- PROPERTIES NUCLEAR
1-1442 2- 1 2- 7 3-1467 3-2018
3-2019
CESIUM CS 135
-- CROSS SECTION NEUTRON
3- 176
-- PROPERTIES NUCLEAR
2-1658 3- 176 3-1721 3-2245
CESIUM CS 137
-- PROPERTIES NUCLEAR
1- 689 1- 691 1-1030 2- 255 2- 996
2-2200 3- 761 3-1409 3-1470 3-1721
3-1745 3-1754
-- RADIOGRAPHIC USES
3-1673
CESIUM COMPOUNDS
-- CESIUM CHLORIDE
2-1917
-- CESIUM CHLOROGALLATE
3-1201
-- CESIUM CHLOROPLUTONATE
1- 584
-- CESIUM FLUORIDE
1-1504 1-1908
-- CESIUM IODIDE
1-1912
-- CESIUM NITRATE
1-1586
-- CESIUM PEROXIDE
1-1573
CETANE
-- CROSS SECTION NEUTRON
3-1391
CHALKENE EPOXIDE
-- REARRANGEMENT OF
1- 39 1- 861
CHAMBERS
SEE CLOUD CHAMBERS AND IONIZATION CHAMBERS
CHANG AND ENG
-- DESIGN AND CONSTRUCTION
1-1647
CHEMICAL NOMENCLATURE
2- 434
CHICKENS
-- EFFECTS OF RADIATION ON
1- 896 1- 904 1-1237 1-1350 1-1696
2-1058 3- 512 3-1040 3-1512
-- METABOLISM AND TOXICOLOGY STUDIES
1- 395 1- 710 1- 711 1- 876 1-1061
1-1350 1-1491 2- 41 2- 338 2-1461
2-1512 2-1730 3- 600 3- 602 3-1633
3-1803 3-2056
CHLORELLA
SEE ALGAE
CHLORINE
-- ANALYSIS
1-1252 3- 81
-- CROSS SECTION NEUTRON
2- 777 3-2236
-- PROPERTIES CHEMICAL
2- 79
-- PROPERTIES NUCLEAR
3-1940
-- PURIFICATION
1- 620
-- RADIATION STOPPING BY
2-1171
-- SPECTRA
1-1903
CHLORINE CL-34
-- FORMATION OF
2-1968
CHLORINE CL-35
-- PROPERTIES NUCLEAR
3-1720
-- RADIATION ABSORPTION BY
3-1720
-- USES IN SYNTHESES
2- 331 2- 591
CHLORINE CL-36
-- PROPERTIES NUCLEAR
2-1272 3-1582 3-1742 3-1744 3-1745
3-1747
CHLORINE CL-37
-- PROPERTIES NUCLEAR
1- 295 3- 876
-- USES IN SYNTHESES
2- 331 2- 591
CHLORINE CL-38
-- PROPERTIES NUCLEAR
1-1187 3-1402 3-1961 3-2322
-- TRACER APPLICATIONS
3-1501
CHLORINE CL-39
-- FORMATION OF
3-2330
-- PROPERTIES NUCLEAR
3-2330
CHLORINE COMPOUNDS
-- CHLORINE TRIFLUORIDE
2-1207
-- CHLOROFORM
2- 128 3-1941
-- CHLOROSILANE
2- 591
CHLOROACETYL ASPARAGINE
SEE ASPARAGINE CHLOROACETYL
CHLOROETHANES
SEE SPECIFIC CHLOROETHANES LISTED UNDER ETHANE
CHLOROFLUOROTERPHENYL OILS
-- PROPERTIES PHYSICAL
3-1345
CHLOROFORM
-- FLUORINATION OF
2- 128
-- SPECTRA
3-1941
-- STRUCTURE MOLECULAR
3-1941
CHLOROMETHANES
SEE METHANE CHLORO-
CHLOROPHYLL
-- ROLE IN PHOTOSYNTHESIS
2-1294
CHLOROPROPYLENE
SEE PROPYLENE CHLORO
CHLOROTRIFLUOROETHYLENE
SEE ETHYLENE CHLOROTRIFLUORO-
CHLOROTRIFLUOROPROPANE
SEE PROPANE 3 CHLORO 1-TRIFLUORO-
CHOLANTHRENE 3-METHYL-
-- CANCER INDUCTION BY
1- 581
CHOLESTEROL
-- METABOLISM OF
1-1053 1-1764
CHOLINE
-- METABOLISM OF
1-1052 2-1465 3- 601
CHOLINE CHLORIDE
-- SYNTHESIS OF LABELED
3-1199
CHOLINE CHLORIDE ACETYL
-- SYNTHESIS OF LABELED
3-1199
CHONDROITIN SULFATE
-- METABOLISM OF
3-2066
CHROMIUM
-- ANALYSIS
1- 429 1-1394
-- CROSS SECTION NEUTRON
2- 526
-- PROPERTIES CHEMICAL
2- 79 2- 928
-- PROPERTIES METALLURGICAL
2- 158

CHROMIUM
-- PROPERTIES NUCLEAR
2-1814
-- SPECTRA
1-1048
-- STRUCTURE CRYSTAL
1-1109 1-1404
CHROMIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 757 3-2220
-- CROSS SECTION NEUTRON
2-1385
-- TRACER APPLICATIONS
2-1159
CHROMIUM CR-50
-- CROSS SECTION NEUTRON
3-1136
CHROMIUM CR-51
-- FORMATION OF
3- 399
-- PROPERTIES NUCLEAR
1-1325 3-1317
CHROMIUM ALLOYS
-- CORROSION
1-1597 3- 117
-- PROPERTIES
2-2127 2-2129
-- PROPERTIES CHEMICAL
3-1111
-- PROPERTIES METALLURGICAL
3- 117
CHROMIUM COMPOUNDS
-- ORGANIC DERIVATIVES
2-1159
CHROMOSOMES
-- EFFECTS OF RADIATION ON
1- 230 1- 231 1- 232 1- 233 1- 236
1- 237 1- 238 1- 239 1- 240 1- 247
1- 248 1- 406 1- 409 1- 603 1- 604
1- 605 1- 895 1- 898 1- 902 1-1245
1-1246 1-1529 1-1760 1-1762 2- 35
2- 704 2- 707 2-1055 2-1062 2-1506
2-1509 2-1510 2-1756 3- 10 3- 12
3- 13 3- 14 3- 504 3- 514 3-1036
3-1038 3-1169 3-1319 3-1326 3-1511
3-1513 3-1638 3-2082
CHRYSENE
-- RADIATION DETECTION USES
2-1628
CITRIC ACID
-- ANALYSIS
2-1337
CLASSICAL MECHANICS
SEE ALSO QUANTUM MECHANICS AND STATISTICAL MECHANICS
1- 180 1- 188 1- 524 1- 684 1- 823
1- 824 1-1158 1-1463 1-1466 1-1468
1-1472 1-1688 1-1691 1-1694 1-1919
1-1921 2- 5 2- 95 2- 260 2- 269
2- 274 2- 603 2- 606 2- 824 2- 828
2- 831 2- 833 2- 946 2- 982 2-1118
2-1261 2-1426 2-1552 2-1650 2-2015
2-2017 3-1024 3-1301 3-1302 3-1475
3-1482 3-1489 3-1490 3-1617 3-1761
3-2033 3-2036 3-2342
CLOUD CHAMBERS
-- AUXILIARIES
3-1290 3-1735 3-1738 3-1993
-- CONSTRUCTION AND OPERATION
1- 105 1- 106 1-1130 1-1663 1-1874
2- 554 2- 802 2-1066 2-1104 2-1425
3- 164 3- 707 3- 726 3- 770 3- 850
3-1291 3-1587 3-1735 3-1786 3-1993
3-2003 3-2006
-- COSMIC RADIATION DETECTION WITH
3- 717 3- 718 3- 723 3-1229 3-1918
-- ILLUMINATION OF
1- 104 2-1104 2-1642 3-1291
COAL
-- COMBUSTION STUDIES
2- 350
-- DETERMINATION OF RARE EARTHS IN
2-2041
-- NEUTRON LOGGING OF
1-1666
COATINGS
-- THICKNESS DETERMINATIONS
3- 963
COBALT
-- ANALYSIS
1-1968 3- 78
-- ELECTROPLATING OF
2-1415
-- METABOLISM STUDIES WITH ISOTOPES
2- 879 2-1153 3-2049
-- RADIATION ABSORPTION BY
3- 986
-- RADIATION SCATTERING BY
3- 778
-- REFRACTORY USES
3-2175
-- SEPARATION METHODS
3-1336 3-1662
-- SINTERING USES
2-1079
-- SPECTRA
1-1347
COBALT
-- STRUCTURE CRYSTAL
1-1109 1-1404
-- THERAPEUTIC USES
3-1652
COBALT ISOTOPES
-- FORMATION OF
1- 470
-- THERAPEUTIC USES
1- 346
-- TRACER APPLICATIONS
1- 387 2- 879 2-1153
COBALT CO 55
-- PROPERTIES NUCLEAR
3- 177
COBALT CO 56
-- FORMATION OF
3-1662
COBALT CO 57
-- FORMATION OF
3-1662
COBALT CO 58
-- FORMATION OF
3-1662
COBALT CO 59
-- CROSS SECTION DEUTERON
1-1896
-- PROPERTIES NUCLEAR
2-1972 3-2256
COBALT CO 60
-- INDUSTRIAL USES
3-1934
-- PROPERTIES NUCLEAR
1-1150 1-1187 1-1442 2- 1 2- 7
2- 181 2- 624 2-1167 2-1245 2-2032
3- 892 3-1431 3-1471 3-1479 3-2018
3-2019 3-2325 3-2326
-- RADIOGRAPHIC USES
1-1515 2-1955 3-1673 3-2170
-- THERAPEUTIC USES
1- 560 2-1003 3- 554
-- TRACER APPLICATIONS
2-1467 2-1469 3- 689 3 049
COBALT CO 61
-- PROPERTIES NUCLEAR
2-1441
COBALT CO 62
-- PROPERTIES NUCLEAR
2-1441
COBALT CO 64
-- PROPERTIES NUCLEAR
2-1441
COBALT ALLOYS
-- PRODUCTION
2-1380
-- SPECTRA
1-1347
-- STRUCTURE CRYSTAL
1- 311 2-2128 3- 106
COBALT COMPOUNDS
-- COBALT CHLORIDE
3-1868
-- COBALT FERROCYANIDE
1-1515
-- COBALT FLUORIDE
1-1819 2-2110
-- COBALT NITRATE
3-1881
-- COBALT OXIDE
1-1546
-- ORGANIC DERIVATIVES
2-1467
COCKCROFT WALTON ACCELERATORS
SEE ACCELERATORS PARTICLE
COINCIDENCE CIRCUITS
-- RADIATION DETECTION USES
1- 771 1-1870 2- 183 2- 559 2- 816
2-1109 2-2173 3-1450 3-1569 3-2298
COLLISION THEORY
SEE ALSO SUBHEADING INTERACTION UNDER NUCLEAR PARTICLES AND SUBHEADING INTERACTION WITH PARTICLES UNDER SPECIFIC PARTICLES
SEE ALSO SUBHEADINGS DIFFUSION AND SCATTERING AND NUCLEAR REACTIONS UNDER SPECIFIC PARTICLES
1-1639 1-1674 1-1676 1-1689 1-1693
2- 258 2- 271 2- 272 2- 388 2- 606
2- 827 2-1114 2-1115 2-1121 2-1431
2-1654 2-1829 2-2192 3-1456 3-1622
3-1706 3-1725 3-1767 3-2008 3-2034
3-2316 3-2344 3-2348 3-2351 3-2366
COLLODION FILM SCREEN DEVICE
-- CONSTRUCTION AND OPERATION
3- 749
COLLOIDS
SEE ALSO SPECIFIC COLLOIDS SUCH AS GOLD COLLOIDS
-- PARTICLE SIZE DETERMINATION
2-1170
COLUMBIUM
-- ANALYSIS
2-1222 2-1595
-- METABOLISM AND TOXICOLOGY
1- 43 2-1181
-- PRODUCTION
1-1623

COLUMBIUM
-- PROPERTIES METALLURGICAL
3- 341
-- RADIATION ABSORPTION BY
3- 986
-- SEPARATION METHODS
1-1706
-- SPECTRA
1-1048
COLUMBIUM ISOTOPES
-- PROPERTIES NUCLEAR
2-1129
-- TRACER APPLICATIONS
1- 43
-- USES IN SYNTHESES
1- 60
COLUMBIUM CB 93
-- CROSS SECTION NEUTRON
2-2143
-- PROPERTIES NUCLEAR
2- 233 3-1581
COLUMBIUM CB 94
-- PROPERTIES NUCLEAR
3-2018 3-2019
COLUMBIUM CB 95
-- PROPERTIES NUCLEAR
1-1706 2- 999
COLUMBIUM CB 96
-- PROPERTIES NUCLEAR
3- 879
COLUMBIUM ALLOYS
-- PROPERTIES
2-2127
-- PROPERTIES CHEMICAL
3-1111
-- PROPERTIES PHYSICAL
2-1080
COLUMBIUM COLLOIDS
-- PREPARATION
2-1859
COLUMBIUM COMPOUNDS
-- COLUMBIUM BORIDES
3-2146
-- COLUMBIUM CARBIDE
2-1079 3-1674
-- COLUMBIUM NITRIDE
3-1283
COMPUTERS
-- CONSTRUCTION AND OPERATION
2-1573 3- 381 3- 752 3-1246 3-1284
3-2233
CONCRETE
-- COATINGS FOR
3-2117
-- RADIATION ABSORPTION BY
2- 379 2- 490 3- 539
CONTAMINATION RADIOACTIVE
SEE SUBHEAD CONTAMINATION RADIOACTIVE
UNDER AIR WATER ETC
COPPER
-- ANALYSIS
1-1968 2-1491 3- 78
-- CROSS SECTION GAMMA
2-1166 3-1457
-- CROSS SECTION NEUTRON
2- 527 2- 777 2-1385 3-2236
-- EFFECTS OF RADIATION ON
1- 997
-- ELECTRON EMISSION FROM
3-1458
-- METABOLISM STUDIES WITH ISOTOPES
1- 713 2-1193
-- PROPERTIES METALLURGICAL
3-1560
-- PROPERTIES NUCLEAR
1-1008 1-1014 2- 687 3- 766 3-1255
3-1394 3-1611 3-2259
-- PROPERTIES PHYSICAL
2- 160 2-2125 3-1034
-- RADIATION ABSORPTION BY
1- 728 1-1374 2- 373 2- 375 2- 376
2-1165 2-1166 3- 710 3-1453
-- RADIATION SCATTERING BY
3- 713 3-1457
-- RADIATION STOPPING BY
2-1885
-- SEPARATION METHODS
3- 87
-- STRUCTURE CRYSTAL
1-1109 1-1404 2- 117 3-1034
COPPER ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2222
-- TRACER APPLICATIONS
1- 387 1- 577 2-1032 2-1153 3- 269
3-1034
COPPER CU 61
-- PROPERTIES NUCLEAR
1- 696 3- 893
COPPER CU 62
-- FORMATION OF
1- 498 2-1598
COPPER CU 63
-- CROSS SECTION DEUTERON
1-1896 3-1136
-- CROSS SECTION GAMMA
1-1483 1-1895
COPPER CU 63
-- CROSS SECTION NEUTRON
2-1598
-- ISOTOPIC SEPARATION
1- 960
-- PROPERTIES NUCLEAR
1-1863 2-1404 3-1403 3-1958
COPPER CU 64
-- CROSS SECTION NEUTRON
1- 136
-- PROPERTIES NUCLEAR
1- 143 1-1033 1-1325 1-1699 1-1863
2- 216 2- 282 2- 617 2- 967 2-1142
2-1437 2-2021 2-2207 3- 893 3-1463
3-1747
-- THERAPEUTIC USES
3- 583
-- TRACER APPLICATIONS
1- 713 2- 344
COPPER CU 65
-- PROPERTIES NUCLEAR
2-1404 3-1403 3-1958 3-2256
COPPER CU 66
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- PROPERTIES NUCLEAR
1- 143
COPPER ALLOYS
-- EFFECTS OF RADIATION ON
2-1086
-- PRODUCTION
2-1083 2-1380
-- PROPERTIES PHYSICAL
2- 160 2- 762
-- STRUCTURE CRYSTAL
1- 311 2-2128
COPPER COMPOUNDS
-- COPPER BROMIDE
2- 348
-- COPPER OXIDE
2-1032
-- COPPER SULFATE
2- 945
COPPER IONS
-- DIFFUSION
2-1032
-- PROPERTIES MAGNETIC
2- 945
COPROPORPHYRIN
-- METABOLISM AND TOXICOLOGY STUDIES
1- 892
CORROSION
SEE ALSO SUBHEAD CORROSION UNDER
METALS AND SPECIFIC METALS
-- BIBLIOGRAPHY
1- 927 1- 929
-- INHIBITORS
1- 436 1-1558 2- 88 2- 730 2- 731
-- PREVENTION
1- 929
-- RESISTANCE OF MATERIALS TO
1-1772 3-1366
CORTICOSTERONES
SEE DESOXYCORTICOSTERONE
-- INFLUENCE ON GLUCOSE METABOLISM
3- 64
COSMIC RADIATION
SEE ALSO ASTROPHYSICS AND MESONS
-- ABSORPTION
3- 722 3-1120
-- ALPHA PARTICLES IN
2- 445 2-1206 2-1766 3-1232
-- BIOLOGICAL EFFECTS
1- 32 1- 244 1- 734
-- CASCADE THEORY
3- 973 3- 974 3-1696
-- DETECTION AND MEASUREMENT
1- 69 1- 71 1- 74 1- 261 1- 439
1- 441 1- 628 1- 994 1-1104 1-1400
1-1561 1-1566 1-1569 1-1644 1-1660
1-1802 1-1803 2- 91 2- 93 2- 100
2- 109 2- 115 2- 116 2- 446 2- 451
2- 732 2- 740 2- 745 2-1066 2-1068
2-1071 2-1195 2-1347 2-1349 2-1351
2-1353 2-1356 2-1559 2-1765 2-1767
2-1782 2-1898 2-1900 2-1902 2-1903
2-2101 3- 122 3- 126 3- 371 3- 373
3- 374 3- 447 3- 717 3- 718 3- 723
3- 725 3- 726 3- 727 3- 728 3- 731
3- 737 3- 740 3- 744 3- 745 3- 746
3- 976 3- 977 3- 979 3-1229 3-1230
3-1235 3-1440 3- 567 3-1700 3-1737
3-1919 3-1920 3-2189 3-2190 3-2192
3-2196 3-2198 3-2200 3-2201 3-2202
-- ELECTRONS IN
1- 78 1- 440 1-1799 2- 96 2- 100
2-1189 2-1205 2-1353 2-1355 2-1359
2-1365 2-1366 2-1553 2-1558 2-1559
2-1567 2-1768 2-1769 2-1780 2-1782
2-1908 2-2098 3- 734 3- 737 3- 974
3-1119 3-1565 3-1688 3-2195
-- HEAVY PARTICLES IN
3- 1917 3 2192
-- IONIZATION PRODUCED BY
3-1567 3-1568
-- MESON PHENOMENA
1- 76 1- 79 1- 262 1- 297 1- 440

COSMIC RADIATION
-- MESON PHENOMENA
1- 445 1- 515 1- 625 1- 626 1- 629
1- 655 1- 761 1- 807 1- 811 1- 829
1- 930 1- 933 1- 934 1- 935 1- 984
1-1002 1-1105 1-1259 1-1300 1-1399
1-1422 1-1424 1-1562 1-1564 1-1615
1-1616 1-1843 1-1844 2- 90 2- 92
2- 93 2- 94 2- 95 2- 97 2- 98
2- 99 2- 100 2- 101 2- 106 2- 107
2- 108 2- 110 2- 114 2- 116 2- 442
2- 443 2- 447 2- 449 2- 450 2- 452
2- 453 2- 454 2- 457 2- 458 2- 733
2- 735 2- 737 2- 738 2- 739 2- 740
2- 741 2- 742 2- 744 2- 745 2- 911
2- 912 2- 913 2-1068 2-1070 2-1071
2-1191 2-1192 2-1193 2-1195 2-1196
2-1197 2-1201 2-1202 2-1203 2-1348
2-1350 2-1352 2-1353 2-1357 2-1358
2-1361 2-1362 2-1363 2-1366 2-1547
2-1548 2-1551 2-1552 2-1554 2-1556
2-1562 2-1563 2-1565 2-1768 2-1770
2-1773 2-1774 2-1778 2-1784 2-1908
2-1912 2-1915 2-2096 2-2097 2-2102
2-2104 2-2107 3- 121 3- 358 3- 360
3- 363 3- 364 3- 366 3- 369 3- 721
3- 731 3- 732 3- 736 3- 738 3- 742
3- 976 3- 977 3-1118 3-1119 3-1121
3-1225 3-1229 3-1232 3-1233 3-1237
3-1243 3-1371 3-1374 3-1379 3-1381
3-1563 3-1565 3-1566 3-1569 3-1683
3-1684 3-1686 3-1689 3-1693 3-1699
3-1700 3-1915 3-1918 3-1921 3-1922
3-1923 3-1926 3-1927 3-2188 3-2193
3-2194 3-2199 3-2208 3-2210 3-2211
-- NEUTRONS IN
1- 73 1- 260 1- 302 1- 655 1- 983
1- 984 1-1566 2- 103 2- 538 2-1561
2-1566 2-1775 2-1781 3- 125 3- 357
3- 727 3-1229 3-1376 3-1377 3-1711
3-2207
-- NUCLEAR REACTIONS
1- 167 1- 303 1- 304 1- 934 1-1151
1-1401 1-1403 1-1563 1-1565 1-1618
1-1801 2- 460 2-1354 2-1555 2-1557
2-1767 2-1770 3- 361 3- 371 3- 721
3- 727 3- 735 3- 738 3- 975 3-1374
3-1375 3-1377 3-1688 3-2203 3-2204
3-2208 3-2209
-- ORIGIN
1- 932 1-1106 2- 441 2- 448 2-1067
2-1070 2-1364 2-1564 2-1772 2-1776
2-1779 2-1907 2-2103 3- 123 3- 372
3- 739 3- 741 3-1367 3-1369 3-1379
3-1490 3-1687 3-1925
-- PENETRATING COMPONENTS OF
3-1564 3-1683 3-1692 3-1926 3-2188
3-2197 3-2212
-- PRIMARIES
3-1229 3-1230 3-1375 3-1378 3-1568
3-1687 3-1688 3-1921 3-1925
2-1912 2-1913 2-1914 3- 124 3- 127
-- PROPERTIES
1- 70 1- 72 1- 77 1- 442 1- 627
1- 630 1- 631 1- 761 1-1399 1-1436
2- 92 2- 93 2- 102 2- 103 2- 743
2-1548 3- 123 3- 359 3- 370 3- 724
3- 745 3- 980 3-1148 3-1234
-- PROTONS IN
2- 98 2- 101 2- 112 2- 113 2- 440
2- 445 2- 451 2- 742 2- 743 2-1196
2-1201 2-1349 2-1355 2-1362 2-1366
2-1777 2-1899 2-1905 2-1914 3- 365
3- 727 3-1118 3-1229 3-1563 3-1927
-- SHOWER AND BURST CHARACTERISTICS
1- 75 1- 443 1- 444 1- 931 1-1107
1-1402 1-1564 1-1567 1-1568 1-1799
1-1800 1-1804 2- 96 2- 110 2- 111
2- 443 2- 455 2- 456 2- 458 2- 459
2- 460 2- 734 2- 736 2- 737 2- 742
2- 915 2-1069 2-1188 2-1189 2-1190
2-1194 2-1197 2-1199 2-1200 2-1204
2-1205 2-1354 2-1355 2-1359 2-1360
2-1365 2-1550 2-1553 2-1555 2-1557
2-1558 2-1567 2-1568 2-1769 2-1771
2-1777 2-1780 2-1781 2-1900 2-1901
2-1904 2-1906 2-1909 2-1910 2-1911
2-1912 2-1913 2-1914 3- 124 3- 127
3- 128 3- 130 3- 362 3- 370 3- 722
3- 730 3- 733 3- 734 3- 735 3- 974
3- 975 3- 976 3-1118 3-1119 3-1120
3-1122 3-1228 3-1229 3-1235 3-1371
3-1375 3-1376 3-1377 3-1562 3-1563
3-1564 3-1565 3-1566 3-1688 3-1689
3-1692 3-1696 3-1697 3-1698 3-1916
3-1922 3-1926 3-1927 3-2188 3-2196
3-2197 3-2206

-- STAR PRODUCTION
3-1917 3-2201 3-2202
-- THERAPEUTIC USES
2-1844
CREATINE
-- METABOLISM OF
1- 374 1-1052 2-1465
CREATININE
-- TEST FOR URANIUM POISONING
1- 749 1-1093
CROSS SECTIONS
SEE SUBHEAD CROSS SECTION UNDER SPECIFIC ELEMENTS AND ISOTOPES
SEE SUBHEAD MEASUREMENT OF UNDER NEUTRON CROSS SECTIONS
CRUCIBLES
-- PREPARATION OF
1- 909 1- 910 1- 911 1- 912 1-1099
1-1548
CRYOGENICS
2- 786 2- 799
CRYSTAL DETECTORS
SEE SCINTILLATION AND CRYSTAL DETECTORS
CRYSTAL STRUCTURE
SEE STRUCTURE CRYSTAL
CRYSTALLOGRAPHY
SEE ALSO ANALYSIS - DIFFRACTION STRUCTURE CRYSTAL AND SUBHEAD STRUCTURE CRYSTAL UNDER SPECIFIC ELEMENT
-- CRYSTAL GROWING TECHNIQUES
1-1108 1-1260 2-1112
-- DIFFRACTION PATTERN MEASUREMENTS
1- 936 1- 938 1-1572 1-1575 2- 117
2- 118 2- 119 2- 120 2- 122 2- 463
2-1368 2-1785
-- EQUIPMENT AND TECHNIQUES
1- 58 1- 464 1- 937 2- 123 2- 461
2- 466 2- 468 3- 652 3-1206 3-1448
3-1891
-- TABLES
1-1404
CUPFERRON
-- ANALYTICAL USES
3-1539
CURIUM
-- DISCOVERY AND NAMING
1-1513 3- 678
-- METABOLISM AND TOXICOLOGY
2-1181
-- OXIDATION AND REDUCTION STATES
1-1065 1-1068 2-1480
-- PROPERTIES
3- 2155
-- PROPERTIES CHEMICAL
1- 207 1-1959 2- 351 2- 678 2-1480
-- PROPERTIES METALLURGICAL
1-1959
-- PROPERTIES NUCLEAR
2- 351
-- PROPERTIES PHYSICAL
1- 207
-- SEPARATION METHODS
1- 878 3-2155
-- SPECTRA
1- 878
-- STRUCTURE ATOMIC
2-1479
CURIUM ISOTOPES
-- FORMATION OF
1- 470
CURIUM CM 238
-- PROPERTIES NUCLEAR
1-1960
CURIUM CM 239
-- PROPERTIES NUCLEAR
1-1960
CURIUM CM-240
-- FORMATION OF
1-1065
-- PROPERTIES NUCLEAR
1-1065 1-1068 1-1960
CURIUM CM 241
-- PROPERTIES NUCLEAR
1-1065 1-1068 1-1960
CURIUM CM 242
-- FORMATION OF
1- 878 1-1065
-- PROPERTIES NUCLEAR
1-1065 1-1068 1-1960 2-1475
CURIUM CM 243
-- PROPERTIES NUCLEAR
1-1960
CURIUM CM 244
-- PROPERTIES NUCLEAR
1-1960
CURIUM CM 245
-- PROPERTIES NUCLEAR
1-1960
CURIUM CM 246
-- PROPERTIES NUCLEAR
1-1960
CURIUM CM 247
-- PROPERTIES NUCLEAR
1-1960
CURRENT AMPLIFIERS
-- CONSTRUCTION AND OPERATION
2- 541 2-1926 3-1152
CURRENT INTEGRATORS
-- CONSTRUCTION AND OPERATION
3-1383 3-1385

CYANAMIDE
-- SYNTHESIS OF LABELED
1-1395
CYANOACETAMIDE
-- SYNTHESIS OF LABELED
2-1764
CYANOGEN BROMIDE
-- SPECTRA
2- 327
CYANOGEN CHLORIDE
-- SPECTRA
2- 327
CYANOGEN IODIDE
-- SPECTRA
2- 327
CYCLOHEPTANEDIONEDIOXIME
-- ANALYTICAL USES
3-1197
-- SYNTHESIS OF
2-2090
CYCLOHEPTANONE
-- SYNTHESIS OF LABELED
3-2137
CYCLOHEXANE
-- CROSS SECTION NEUTRON
1- 989
CYCLOHEXANE PERFLUORODIMETHYL-
-- SOLUBILITY OF WATER IN
1-1406
CYCLOHEXANONE
-- SYNTHESIS OF LABELED
3-2137
CYCLOPROPANE HEXAFLUORO
-- STRUCTURE OF
1-1110 1-1111 1-1112
CYCLOTRONS
SEE ACCELERATORS PARTICLE
CYSTEINE
-- METABOLISM OF
2-2052
-- RADIATION SICKNESS THERAPY USING
3-1645
-- SYNTHESIS OF LABELED
2-1125
CYSTINE
-- METABOLISM OF
1- 569 3-2055
-- RADIATION SICKNESS THERAPY USING
3-1645
-- RESOLUTION OF RACEMATES
3- 647
-- SYNTHESIS OF LABELED
2-1125 3- 644
CYTIDYLIC ACID
-- ADSORPTION SEPARATION OF
3-1663
CYTOCHROME C
-- METABOLISM OF
3- 594 3- 595
-- PREPARATION OF
3-1629
-- SYNTHESIS OF LABELED
2- 336
CYTOSINE
-- ANALYSIS
2-2086
-- METABOLISM OF
2-1466
-- SYNTHESIS OF LABELED
2-1466

DARK TRACE TUBES
SEE ALSO ELECTRONMULTIPLIER PHOTOMULTIPLIER VACUUM AND X-RAY TUBES
-- THEORY
2- 222 2- 223 2- 224
DECAY SERIES
SEE ALSO RADIOACTIVITY
-- ACTINIUM FAMILY
1- 835 2- 989 2-1144
-- GENERAL AND THEORETICAL
1- 190 2- 620 2- 623 2-1273 2-2000
3- 289 3- 781 3-1269 3-1752
-- NEPTUNIUM FAMILY
1- 193 1- 542 1-1316 2- 989 2-2198
-- THORIUM FAMILY
1- 192 1- 835 2- 989 2-1143 2-1144
2-1440 3- 900
-- URANIUM-RADIUM FAMILY
2- 843 3- 184 3-1030 3-1166 3-1472
DECONTAMINATION RADIOACTIVE
SEE ALSO SUBHEAD CONTAMINATION RADIOACTIVE UNDER AIR WATER ETC
SEE ALSO HEALTH PHYSICS AND RADIATION HAZARDS AND PROTECTION
-- PROCEDURES AND PRECAUTIONS
2-1075 2-1792
-- TECHNIQUES AND EQUIPMENT
3-2090 3-2091
DESOXYCORTICOSTERONE
-- ANALYSIS
3- 626
-- INFLUENCE ON GLUCOSE METABOLISM
3- 64

DESOXYCORTICOSTERONE
-- RADIATION SICKNESS THERAPY USING
1- 322 1-1315 2-2019 3-1823
DESOXYRIBONUCLEIC ACID
SEE NUCLEIC ACIDS
DETONATION WAVES
-- IN NUCLEAR EXPLOSIONS
2-1310
DEUTERIUM
SEE ALSO HYDROGEN AND TRITIUM
-- ANALYSIS
1- 264 2-1369 3-1893
-- CROSS SECTION DEUTERON
1- 263 2- 948 2-1619 3-2270
-- CROSS SECTION NEUTRON
1-1633 2- 777 2-1394 3-1259 3-2236
-- CROSS SECTION TRITON
1-1010 1-1160
-- DIFFUSION PUMP FOR
2- 277
-- EFFECTS OF RADIATION ON
2- 167 2-1395
-- FISSION PRODUCTS STOPPING BY
1-1632
-- PROPERTIES CHEMICAL
3- 290 3- 292 3-1892
-- PROPERTIES NUCLEAR
1-1435 2- 169 2- 173 2- 229 2- 378
2- 470 2- 536 2- 893 2-1045 2-1074
2-1404 2-1619 2-1987 3- 399 3- 763
3-1140 3-1274 3-1403 3-1421 3-1423
3-1718 3-1969 3-2017 3-2258 3-2270
-- PROPERTIES PHYSICAL
1- 188 2-1261
-- RADIATION ABSORPTION BY
3-1373
-- RADIATION SCATTERING BY
1- 401 3- 396 3- 777
-- SPECTRA
1-1343 3- 309
-- TRACER APPLICATIONS
1-1052 1-1211 2-1294 2-1465 3- 65
3- 272 3- 314 3- 599 3- 603 3- 675
3- 676 3-1627 3-1886 3-1892
DEUTERIUM COMPOUNDS
-- DEUTERIDE ARSENIC
2- 330 2-1370
-- DEUTERIDE BORON
3- 655
-- DEUTERIDE CERIUM
3- 308
-- DEUTERIDE LANTHANUM
3- 308
-- DEUTERIDE TRITIUM
2- 469
-- DEUTERIDE URANIUM
2-1043
-- DEUTERIUM HYDROGEN OXIDE
2- 748
-- DEUTERIUM OXIDE
1- 598 1-1010 1-1586 1-1815 1-1816
2- 167 2-1339 2-1369 2-1787 2-1882
3- 291 3- 295 3- 599 3-1093 3-1094
3-1709 3-1946 3-2148
-- DEUTERIUM SELENIDE
1- 80
-- DEUTERIUM SULFIDE
1- 80
-- DEUTERIUM TELLURIDE
1- 80
-- DEUTEROBUTANES
1-1585
-- DEUTEROETHANES
1-1211
-- DEUTEROMETHANES
1-1211 1-1881 2-1233
DEUTEROPROPANES
1-1211 3- 654
DEUTEROETHANES
SEE DEUTERIUM COMPOUNDS
DEUTERONS
SEE ALSO NUCLEAR PARTICLES
-- ABSORPTION
1- 728 2- 383 2-1500 3- 895
-- BIOLOGICAL EFFECTS
1- 33 1- 419 1- 735 2-1890
-- CHEMICAL EFFECTS
1- 697 1- 751 3-1540
-- CROSS SECTION GAMMA
2-1395
-- DETECTION AND MEASUREMENT
1- 148 1- 149 1- 505 1-1152 2-1256
2-1257 2-2009 3-1154 3-1735
-- DIFFUSION AND SCATTERING
1- 401 1- 933 1-1434 1-1657 2- 170
2- 377 2- 384 2- 388 2- 528 2- 893
2-1045 2-1308 2-1394 2-1634 3- 716
3- 988 3-1115 3-2238 3-2370
-- INTERACTION WITH PARTICLES
3-2370
-- IONIZATION PRODUCED BY
2-2069
-- NUCLEAR REACTIONS
1- 67 1- 170 1- 206 1- 263 1- 299
1- 300 1- 305 1- 470 1- 519 1- 520

DEUTERONS
-- NUCLEAR REACTIONS
1- 543 1- 671 1- 693 1- 812 1- 814
1- 835 1- 879 1- 884 1-1006 1-1007
1-1008 1-1014 1-1035 1-1042 1-1066
1-1161 1-1189 1-1323 1-1432 1-1433
1-1487 1-1700 1-1705 1-1715 1-1863
1-1896 1-1915 1-1941 2- 104 2- 177
2- 229 2- 291 2- 298 2- 299 2- 351
2- 378 2- 384 2- 531 2- 536 2- 568
2- 639 2- 640 2- 812 2- 846 2- 893
2- 947 2- 948 2- 992 2- 993 2-1014
2-1045 2-1235 2-1392 2-1402 2-1438
2-1449 2-1473 2-1477 2-1488 2-1489
2-1499 2-1509 2-1613 2-1614 2-1618
2-1619 2-1620 2-1634 2-1685 2-1813
2-1883 2-1971 2-1987 2-1991 2-2027
2-2059 2-2071 2-2139 2-2149 2-2150
2-2194 2-2199 2-2209 2-2220 2-2222
3- 154 3- 399 3- 763 3- 791 3- 793
3- 879 3- 994 3-1255 3-1262 3-1273
3-1394 3-1415 3-1419 3-1420 3-1423
3-1473 3-1577 3-1601 3-1608 3-1611
3-1660 3-1661 3-1662 3-1664 3-1708
3-1715 3-1725 3-1726 3-1748 3-1750
3-1751 3-1759 3-1966 3-1967 3-1970
3-2133 3-2270 3-2277 3-2318
-- PROPERTIES
1- 507 1- 508 1- 668 1-1012 2- 175
2- 230 2- 470 2- 564 2- 567 2- 781
2- 946 2-2147 3-1480 3-1718 3-2255
3-2264 3-2268
-- RANGES IN MATERIALS
2-1165 2-1862
-- SOURCES AND STANDARDS
3- 775
-- SPIN AND MOMENT
1-1684 1-1943 2- 230 2- 946 3-1140
3-1306
-- THERAPEUTIC USES
1- 419 1- 735
-- WAVE EQUATIONS FOR
1- 535 1- 668 2- 564 2- 567 3- 860
3-1264 3-1725 3-1969 3-2318
DEUTEROMETHANES
SEE DEUTERIUM COMPOUNDS
DEUTEROPROPANES
SEE DEUTERIUM COMPOUNDS
DIAMOND
SEE ALSO CARBON AND GRAPHITE
-- RADIATION DETECTION USES
1- 274 2- 545 2- 803 3- 848 3-1295
3-1999
-- STRUCTURE CRYSTAL
2- 545
DIAMOND MINES
-- GAMMA RAY LOGGING OF
2-2008
DIAPHRAGMS
-- SILVER
1-1174
DIBENZANTHRACENE
-- EFFECT ON NUCLEIC ACIDS METABOLISM
2- 397
-- METABOLISM OF
1-1216 1-1353
DIBENZYL DIFLUORO-
-- PROPERTIES CHEMICAL
1-1409
DIBORANE
-- SYNTHESIS
2-1763
DIBROMOACETOPHENONE
SEE ACETOPHENONE DIBROMO-
DIBROMOPROCAINE
SEE PROCAINE DIBROMO
DICHLOROBENZENE
SEE BENZENE DICHLORO
DIELECTRIC CONSTANTS
-- MEASUREMENT OF
2-1374
DIELECTRICS
-- EFFECTS OF RADIATION ON
3-1147
-- ELECTRON EMISSION FROM
3-1730
DIETHYL CELLOSOLVE
SEE CELLOSOLVE DIETHYL
DIETHYL ETHER
SEE ETHER DIETHYL
DIETHYL FLUOROPHOSPHATE
-- TOXICITY OF
1-1390
DIFFERENTIAL EQUATIONS
-- SOLVING OF
3- 752
DIFFRACTION OF RADIATION
SEE SUBHEAD DIFFRACTION UNDER SPECIFIC PARTICULATE AND WAVE RADIATIONS SUCH AS NEUTRONS X RADIATION ETC
DIFFUSION OF RADIATION
SEE SUBHEAD DIFFUSION AND SCATTERING UNDER SPECIFIC PARTICULATE OR WAVE RADIATION
DIFFUSION PHENOMENA
SEE ALSO SUBHEADS GASEOUS DIFFUSION AND THERMAL DIFFUSION UNDER ISOTOPES SEPARATION METHODS
-- GASES
2- 249
-- LIQUIDS
2- 676
-- SOLIDS
2-1300
-- THEORY
1- 450
DIGITOXIN
-- SYNTHESIS OF LABELED
2- 75
DIHEXYL ETHER
SEE ETHER DIHEXYL
DIIODOFLUORESCEIN
SEE FLUORESCEIN DIIODO-
DIISOPROPYL FLUOROPHOSPHATE
-- SYNTHESIS OF LABELED
2- 438
-- TOXICITY OF
1-1390
DIISOPROPYL FLUOROPHOSPHONATE
-- SYNTHESIS OF LABELED
3- 646
DIKETONES BETA
-- CHELATION PROCESSES INVOLVING
3-2131
DILATOMETERS
-- FOR METALLURGICAL RESEARCH
1-1849
DIMETHYL FLUOROPHOSPHATE
-- TOXICITY OF
1-1390
DINITROPHENOL
SEE PHENOL DINITRO-
DIPHENYL
-- RADIATION DETECTION USES
1-1646 2- 975 2-1422 3- 835
DIPHENYLACETYLENE
-- RADIATION DETECTION USES
3-1296
DIPHOSPHOPYRIDINENUCLEATIDE
-- DECOMPOSITION OF
3- 93
DIPHTHERIA CARRIERS
3-1188
DISINTEGRATION NUCLEAR
SEE SUBHEAD PROPERTIES NUCLEAR UNDER SPECIFIC ELEMENTS AND ISOTOPES
SEE SUBHEAD NUCLEAR REACTIONS UNDER SPECIFIC PARTICULATE AND WAVE RADIATIONS
DISSOCIATION CONSTANTS
-- PERIODIC ACIDS
3- 283
DITHIOPROPANOL
SEE PROPANOL 2-3 DITHIO
DITHIZONE
-- ANALYTICAL REAGENT FOR ZN
1- 913
DOGS
-- EFFECTS OF RADIATION ON
1-1314 1-1473 2- 23 2-1434 2-1509
2-1891 3- 209 3- 916 3-1036 3-1635
3-1816 3-2080
-- METABOLISM AND TOXICOLOGY STUDIES
1- 42 1- 367 1- 372 1- 391 1- 420
1- 573 1- 607 1- 608 1- 612 1- 708
1- 750 1- 907 1-1212 1-1533 1-1534
2- 47 2- 342 2- 410 2- 898 2-1018
2-1019 2-1020 2-1178 2-1512 2-1860
2-2048 3- 605 3- 620 3-1063 3-1179
3-1797 3-1798 3-2044 3-2063 3-2067
3-2072 3-2073
DOSIMETERS
-- CONSTRUCTION AND OPERATION
2- 556 3-2292
DRAMAMINE
-- RADIATION SICKNESS THERAPY USING
3-2099
DROSOPHILA
SEE INSECTS
DRUGS
-- EFFECTS OF RADIATION ON
3- 519
DUCKS
-- METABOLISM AND TOXICOLOGY STUDIES
1- 363 1-1057 3- 594 3- 595
DUST HAZARDS
SEE ALSO HEALTH PHYSICS AND SUBHEAD METABOLISM AND TOXICOLOGY UNDER SPECIFIC ELEMENTS SUCH AS BERYLLIUM
-- BERYLLIUM COMPOUNDS
1- 266 1- 268 1- 420 1- 421 1-1536
1-1537 1-1538 1-1539 1-1540 1-1541
2- 45 2- 46 2- 48 2- 750 2-1371
2-1513 2-1793 2-2113 3- 219 3- 908
-- FLUORINE COMPOUNDS
1- 753 2- 487 2- 711
-- GRAPHITE
1- 267
-- LEAD COMPOUNDS
3- 279 3- 280

DUST HAZARDS
-- PLUTONIUM COMPOUNDS
1- 682
-- POLONIUM COMPOUNDS
3- 536
-- RADIUM COMPOUNDS
1- 610
-- RADON
3- 543
-- SODIUM COMPOUNDS
2- 46
-- URANIUM COMPOUNDS
1- 41 1- 398 1- 611 1- 612 1- 682
1- 767 1-1964 2- 409 2- 898
DUST PARTICLES
-- DETECTION AND MEASUREMENT
2-1574
DYSPROSIUM
-- ABSORPTION OF RADIATION BY
3- 986
-- ANALYSIS
2-2041
-- PROPERTIES NUCLEAR
3-1751
-- SPECTRA
1-1334 2- 649
DYSPROSIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1333 2- 653 2-1721
-- PROPERTIES NUCLEAR
1-1941 3-1760
DYSPROSIUM DY-157
-- FORMATION OF
3-2221
-- PROPERTIES NUCLEAR
3-2221
DYSPROSIUM DY-159
-- FORMATION OF
3-2221
-- PROPERTIES NUCLEAR
3-2221
DYSPROSIUM DY-165
-- CROSS SECTION NEUTRON
1- 136
-- PROPERTIES NUCLEAR
3-2018 3-2019
DYSPROSIUM DY-166
-- FORMATION OF
3-2221
-- PROPERTIES NUCLEAR
3-2221

EAR DISEASES
-- RADIATION THERAPY
2-1013
-- RADIOISOTOPES THERAPY
3- 557
EARTH
SEE ALSO GEOPHYSICS
-- AGE OF
2- 481 2- 483 2- 990 2-1570 2-1790
2-1791 2-2073
-- HEAT SOURCES
3-2186
EGGS AND LARVAE
SEE ALSO SPERMATOZOA
-- EFFECTS OF RADIATION ON
1- 40 1- 230 1- 237 1- 247 1- 248
1- 895 1-1384 2- 27 2- 704 2-1057
2-1756 3- 3 3- 198 3- 505 3- 509
3- 512 3- 514 3-1168 3-1194 3-1513
3-1638 3-1826 3-1830 3-2085 3-2087
-- METABOLISM OF CALCIUM
2-1730
-- METABOLISM OF PHOSPHORUS
2- 338
-- RESPONSE TO HORMONES
2-1324
ELASTICITY CONSTANTS
-- MEASUREMENT OF
3-1282
ELASTOMERS
SEE RUBBER AND ELASTOMERS
ELECTRIC CURRENT
-- MEASUREMENT OF
2-1932
ELECTRICAL CONDUCTIVITY
-- CRYSTALS
2-1072

ELECTROCHEMISTRY
SEE ALSO SUBHEADS ELECTROLYTIC POLAROGRAPHIC AND POTENTIOMETRIC UNDER ANALYSIS
SEE ALSO SUBHEAD OXIDATION AND REDUCTION STATES UNDER SPECIFIC ELEMENTS
-- RADIOACTIVE MATERIALS
2- 300
ELECTRODES
-- DEPOSITION EQUATIONS FOR
1-1173
-- MEASUREMENT OF HYDROGEN IONS WITH
2-1186
-- URANIUM AND HYDROGEN FUNCTIONS OF
2-1162

ELECTROLYSIS FURNACES
-- CONSTRUCTION AND OPERATION
3-1112
ELECTROLYTES
-- EQUATIONS OF STATE
3-1200
ELECTROLYTIC ISOTOPES SEPARATION
SEE ISOTOPES SEPARATION METHODS
ELECTROMAGNETIC FIELD THEORY
SEE ALSO MESON FIELD THEORY
SEE ALSO SUBHEADING THEORY OF UNDER NUCLEAR FORCES AND RADIATION
1- 180 1- 187 1- 189 1- 297 1- 316
1- 319 1- 534 1- 684 1-1158 1-1463
1-1468 1-1472 1-1678 1-1679 1-1682
1-1684 1-1692 1-1693 1-1921 2- 260
2- 262 2- 269 2- 271 2- 272 2- 273
2- 599 2- 608 2- 610 2- 823 2-1116
2-1118 2-1121 2-1260 2-1410 2-1426
2-1428 2-1429 2-1430 2-1653 2-2012
2-2015 2-2018 2-2161 2-2188 2-2191
2-2192 3- 852 3-1298 3-1308 3-1370
3-1491 3-1494 3-1495 3-1496 3-1497
3-1619 3-1768 3-1775 3-1776 3-1777
3-2029 3-2342 3-2349 3-2353 3-2356
3-2358 3-2360 3-2367
ELECTROMAGNETIC FIELDS
SEE ALSO ELECTROMAGNETIC WAVES AND MAGNETIC FIELDS
-- EFFECTS ON RADIATION DETECTORS
2-1191
-- ENERGY PROPAGATION IN
2-1116
-- INTERACTION WITH PARTICLES
1- 297 1- 508 1- 511 1-1468 1-1472
1-1679 1-1682 1-1684 2- 260 2- 262
2- 269 2- 607 2- 608 2- 823 2-1653
2-2012 2-2015 2-2018 3-1370 3-1425
3-1489 3-1620 3-1764 3-1771
-- PARTICLE MOTION IN
1- 180 1- 316 1-1158 1-1468 1-1684
1-1691 1-1921 2- 260 2- 606 2- 607
2- 790 2- 824 2-1073 2-1115 2-1426
2-1429 2-1501 2-1645 2-2012 2-2018
2-2188 3- 864 3-1703 3-1494 3-1765
3-2342 3-2367
-- PROPERTIES
2- 599 2- 608 2-2191 3-1980
-- QUANTIZATION OF
1- 653 1-1687 2- 260 2- 265 2- 269
2- 271 2- 273 2-1428 2-1429 2-1430
3-1768 3-1771 3-1776 3-1777 3-2353
ELECTROMAGNETIC ISOTOPES SEPARATION
SEE ISOTOPES SEPARATION METHODS
ELECTROMAGNETIC WAVES
-- IN PARTICLE ACCELERATORS
1- 532 1-1686 2- 238
-- PROPAGATION
1-1693 2- 254 2- 599 2-1116 2-2135
-- PROPERTIES
3-1018 3-1158
-- TRANSIENT PHENOMENA
2-1410
ELECTROMETER TUBES
SEE ALSO DARK TRACE ELECTRON-MULTIPLIER PHOTOMULTIPLIER AND X RAY TUBES
-- CONSTRUCTION AND OPERATION
1- 92 1- 93 1- 94 1- 503 1- 974
1-1276 1-1678 2- 186 3- 751 3-1366
3-1574
ELECTRON DIFFRACTION CAMERAS
SEE CAMERAS
ELECTRON GUNS
-- CONSTRUCTION AND OPERATION
3-2278
ELECTRON LENSES
-- CHARACTERISTICS OF
1-1604 1-1605 2- 140 2- 753
ELECTRON MICROSCOPES
SEE ALSO ION MICROSCOPES AND PROTON MICROSCOPES
-- AUXILIARIES
3- 749 3- 981 3-1127 3-1929
-- RADIATION FROM
3-1515
-- USES AND TECHNIQUES
1- 101 1- 482 1- 951 1-1122 1-1413
1-1416 1-1436 1-1830 1-1834 2- 120
2- 141 2- 142 2- 145 2- 916 2-1211
2-1796 2-2120 2-2121 3- 133 3- 380
3- 753 3- 984 3-1702 3-1740 3-2230
ELECTRON TUBES
SEE ELECTRONMULTIPLIER PHOTO-MULTIPLIER VACUUM AND X-RAY TUBES
-- CONSTRUCTION AND OPERATION
3- 377 3- 382 3- 747 3- 796 3- 983
3-1006 3-1974 3-2216
ELECTRONIC EQUIPMENT
-- CONVECTION COOLING OF
3-1930
ELECTRONICS
SEE SUCH HEADINGS AS DARK TUBES ELECTRONMULTIPLIER TUBES PHOTOMULTIPLIER TUBES VACUUM TUBES AND X-RAY TUBES

ELECTRONICS
SEE RADIATION DETECTION INSTRUMENTS
ELECTRONMULTIPLIER TUBES
SEE ALSO DARK TRACE ELECTROMETER PHOTOMULTIPLIER VACUUM AND X-RAY TUBES
-- CONSTRUCTION AND OPERATION
1-1652
-- RADIATION DETECTION USING
1- 775 1- 815 1-1651 2- 541 2-1103
-- SPECTRA DETERMINATIONS WITH
2- 871
-- X-RAY MEASUREMENTS WITH
2- 461
ELECTRONS
SEE ALSO BETA PARTICLES NUCLEAR PARTICLES POSITRONS AND RADIATION
-- ABSORPTION
1-1003 2- 588 2- 894 3-1600
-- ACTION IN ELECTROMAGNETIC FIELDS
1-1158 1-1468 1-1684 1-1691 1-1921
2- 260 2- 606 2- 607 2- 824 2-1073
2-1115 2-1426 2-1501 2-2012 2-2188
3- 165 3-1425 3-1494 3-1496 3-1765
3-2357 3-2367
-- ACTION IN MAGNETIC FIELDS
1-1137 2- 528
-- ANNIHILATION
3- 863 3-2195 3-2333 3-2365 3-2366
-- BIOLOGICAL EFFECTS
1- 733 1- 743 1- 894
-- CAPTURE BY IONS
2- 586
-- CAPTURE BY NUCLEI
1- 155 2-1438 2-1811 2-1826
-- CHEMICAL EFFECTS
1- 198 1- 697
-- DENSITY IN SOLAR SPACE
3-1117
-- DETECTION AND MEASUREMENT
1- 662 1- 665 1- 993 1-1302 3-1290
3-1432
-- DIFFRACTION
1- 313 1- 448 1- 617 1- 915 1-1261
1-1556 1-1813 2- 464 2- 466
-- DIFFUSION AND SCATTERING
1- 595 1- 626 1-1235 1-1524 1-1667
1-1668 1-1943 2- 5 2- 380 2-1115
2-1501 2-1750 3- 713 3- 970 3- 989
3-1222 3-1454 3-1614 3-1740 3-2351
-- EFFECTS ON PHYSICAL STRUCTURES
3-1702
-- EMISSION FROM BORON
2- 253
-- EMISSION FROM BORON OXIDE
3-1730
-- EMISSION FROM COPPER
3-1458
-- EMISSION FROM DIELECTRICS
3-1730
-- EMISSION FROM GERMANIUM
2- 253 2- 932
-- EMISSION FROM GRAPHITE
2- 794
-- EMISSION FROM LEAD
3-1458
-- EMISSION FROM METAL SURFACES
2-1627 3- 970 3-2008
-- EMISSION FROM NICKEL
2- 787
-- EMISSION FROM PLATINUM
3-1458
-- EMISSION FROM POTASSIUM CHLORIDE
3-1730
-- EMISSION FROM SILVER
3-1458
-- EMISSION FROM TELLURIUM
2- 253
-- EMISSION FROM THORIA
2- 255
-- EMISSION FROM TIN
3-1458
-- EMISSION FROM TUNGSTEN
2- 255
-- ENERGY LEVELS IN NUCLEI
3-2019
-- FOCUSSING OF
3- 379
-- FROM MESON DECAY
2- 106 2- 108 2- 114 2-1361 2-2097
2-2099 2-2104 2-2107 3- 729 3-1226
-- FROM PARTICLE ACCELERATORS
3-1424 3-1976
-- IDENTIFICATION WITH BETA PARTICLES
1- 315
-- IN COSMIC RADIATION
1- 78 1- 440 1-1799 2- 96 2- 100
2-1189 2-1205 2-1353 2-1355 2-1359
2-1365 2-1366 2-1553 2-1558 2-1559
2-1567 2-1768 2-1769 2-1780 2-1782
2-1908 2-2098 3- 734 3- 737 3- 974
3-1119 3-1565 3-1688 3-2195
-- INTERACTION WITH PARTICLES
1-1468 1-1680 1-1919 2- 821 2-1114
3-1258 3-1493 3-2031
ELECTRONS
-- IONIZATION PRODUCED BY
1-1176 1-1450 1-1912 2-2164
-- LEVELS IN ATOMS
1- 165 1- 314 1- 527 1- 530 1- 825
1-1028 1-1570 1-1571 2-1260
-- NUCLEAR REACTIONS
3-1240
-- PAIR PRODUCTION
3-1458 3-1460 3-1758 3-2195 3-2333
3-2365 3-2366
-- PROPERTIES
1- 184 1- 528 1- 529 1-1560 1-1676
1-1686 2- 156 2- 601 2- 788 2- 791
2- 967 2-1073 2-1630 2-1653 3- 810
3- 816 3- 834 3- 853 3- 867 3- 869
3-1613 3-1617 3-1769 3-1985 3-1994
3-2030
-- RADIATIONS FROM
3-1019 3-1303
-- RADIOGRAPHIC USES
1-1490
-- SOURCES
1- 312 1-1129 1-1405 1-1432 2- 505
2- 918
-- SPIN MOMENT AND POLARIZATION
1- 316 1- 534 1- 681 1- 800 1- 802
1-1346 1-1661 1-1682 1-1683 1-1921
3- 471 3- 812 3-1765 3-1772 3-2368
-- WAVE EQUATIONS FOR
1- 185 1- 321 1- 527 1- 832 1-1158
1-1463 1-1467 1-1468 1-1580 1-1682
1-1684 1-1919 2- 5 2- 238 2- 259
2- 273 2- 274 2- 601 2- 602 2- 603
2- 606 2- 607 2- 824 2- 827 2- 831
2- 979 2-1114 2-1270 2-1426 2-1431
2-1634 2-2018 2-2184 3- 477 3-1222
3-1482 3-1484 3-1492 3-1493 3-1499
3-1617 3-1622 3-1766 3-1780 3-1783
3-2369
ELECTROSCOPES
-- CONSTRUCTION AND OPERATION
1- 503 1- 942 1-1147 1-1880 1-1931
2-1643 2-1816 3- 445 3- 837
ELECTROSTATIC ANALYZERS
-- AUXILIARIES
3-2214
ELECTROSTATIC GENERATORS
-- AUXILIARIES
1- 90 1-1750 3- 409 3- 806 3-1247
-- CONSTRUCTION AND OPERATION
1- 88 1- 271 1- 819 1-1535 1-1644
1-1699 1-1915 2-1240 2-2157 3- 808
3-1146
-- RADIATIONS FROM
2-2154
ELECTROSTATIC PRECIPITATORS
-- CONSTRUCTION AND OPERATION
1- 990
ELEMENT 61
SEE PROMETHEUM
ELEMENTS
SEE ALSO INDIVIDUAL ELEMENTS
-- ABUNDANCE AND DISTRIBUTION
2-1978 3- 285
-- ATOMIC WEIGHTS
3- 418
-- AVAILABILITY AND SOURCES
3- 91
-- CROSS SECTION NEUTRON
3- 769 3-1261 3-2242
-- FORMATION AND ORIGIN
2- 499 2-500 2-1982 2-1986 3-1682
-- PROPERTIES PHYSICAL
2- 594
-- SEPARATION PROCESSES
3- 950
-- SPIN AND MOMENT
3- 783
-- STRUCTURE ATOMIC
3-1148
-- TRANSMUTATION BY PLANTS
3-2039
ELEMENTS ACTINIDE
SEE ALSO SPECIFIC ACTINIDE ELEMENTS
-- STRUCTURE ATOMIC
2-1479
ELEMENTS HEAVY
SEE ALSO SPECIFIC HEAVY ELEMENTS
-- CROSS SECTION NEUTRON
2-2143
-- PRODUCTION
1-1032
-- PROPERTIES CHEMICAL
3- 959
-- PROPERTIES NUCLEAR
2- 620 2-1133 2-1273 2-2197 2-2206
3-1128 3-1269
ELEMENTS TRANSURANIC
SEE ALSO SPECIFIC TRANSURANIC ELEMENTS SUCH AS PLUTONIUM ETC
-- PROPERTIES
3-1209
-- PROPERTIES CHEMICAL
1-1357 3- 289

ELEMENTS TRANSURANIC
-- PROPERTIES NUCLEAR
2- 774 2-1093 2-1214
ENDOCRINE GLANDS
SEE SPECIFIC ENDOCRINE GLANDS
ENZYME SYSTEMS
SEE ALSO ENZYMES
-- EFFECTS OF RADIATION ON
1- 741 2- 23 2-1753 2-1835 2-2079
-- EFFECTS OF URANIUM COMPOUNDS ON
2- 49
ENZYMES
SEE ALSO CARBOHYDRATES LIPIDS AND PROTEINS
-- CARBOXYPEPTIDASE
3- 516 3- 956
-- CYTOCHROMES
2- 336
-- HYALURONIDASE
2- 260 2-1835 3- 909 3-1636 3-2072
-- LYSOZYME
2- 23
-- PHOSPHATASE
1- 863 3- 20 3- 515
-- PHOSPHOGLUCOMUTASE
3-2060
-- PHOSPHOGLYCERALDEHYDE DEHYDROGENASE
3- 957
-- PHOSPHOGLYCERIC MUTASE
3-2060
-- PHOSPHORYLASE
1-1217
-- THROMBIN
2- 710
-- THROMBOKINASE
2- 710
-- UREASE
3- 957
EPINEPHRINE
-- EFFECT ON ADRENAL GLANDS
3- 617
EQUATIONS OF STATE
SEE THERMODYNAMICS AND SUBHEAD EQUATIONS OF STATE UNDER GASES
ERBIUM
-- ANALYSIS
1-1939 2-2041
-- CROSS SECTION NEUTRON
2- 166
-- PROPERTIES NUCLEAR
2-2141
-- SPECTRA
1- 563 1-1334 2- 649
ERBIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-1935
-- FORMATION OF
3-1964
-- PROPERTIES NUCLEAR
3-1964
ERBIUM COMPOUNDS
-- ERBIUM CHLORIDE
2- 654 3-2151
-- ERBIUM FERROCYANIDE
1-1939
ERGOSTEROL
SEE VITAMIN D
ERYTHROCYTES
SEE BLOOD CELLS
ESCHERICHERIA
SEE BACTERIA
ESTRADIOL BENZOATE
SEE ESTROGENS
ESTRADIOL DIPROPIONATE
SEE ESTROGENS
ESTROGENS
SEE ALSO HORMONES
-- EFFECTS ON BONE GROWTH
1- 574 1- 575
-- EFFECTS ON IRRADIATED OVARIES
2-1056 2-2211
-- EFFECTS ON THYROID METABOLISM
1-1739
-- METABOLISM OF
3-2069
-- RADIATION SICKNESS THERAPY USING
3-1812 3-1821
-- SYNTHESIS OF LABELED
1- 925
ESTROUS CYCLE
-- EFFECTS OF RADIATION ON
3- 203
ETHANE
-- CROSS SECTION NEUTRON
3-1391
ETHANE BROMO
-- EFFECTS OF RADIATION ON
3-1937
ETHANE TETRACHLORO
-- FLUORINATION OF
2- 128 2- 129 2- 130
ETHANE PENTACHLORO
-- FLUORINATION OF
2- 129 2- 130
ETHANE MONODEUTERO-
-- MASS SPECTRA
1-1211
ETHANE TRIFLUORO
-- MOMENT OF INERTIA
1-1590
-- SPECTRA
2- 131
ETHANE IODO
-- EFFECTS OF RADIATION ON
3-1540
ETHANOL
SEE ETHYL ALCOHOL
ETHER DIETHYL
-- EFFECT ON PHOSPHORUS METABOLISM
2-1296
-- NEUTRON RETARDATION BY
1- 291
-- PROPERTIES CHEMICAL
3-1889
-- SOLUBILITY OF URANYL NITRATE IN
2-1741
ETHER DIHEXYL
-- SOLUBILITY OF URANYL NITRATE IN
2-1741
ETHER ISOPROPYL
-- SOLVENT EXTRACTION USES
1- 917 2-1895
ETHYL ACETATE
SEE ACETATE ETHYL
ETHYL ALCOHOL
-- ADSORPTION ON OXIDES
1-1906
-- EFFECTS OF RADIATION ON
3- 815
-- NEUTRON RETARDATION BY
1- 291
-- SYNTHESIS OF LABELED
1- 923
-- USES IN RADIATION DETECTORS
3-1994
ETHYL BROMIDE
-- EFFECTS OF RADIATION ON
1- 116 1-1858
-- SYNTHESIS OF LABELED
1- 923
ETHYLENE
-- CROSS SECTION NEUTRON
3-1391
-- PROPERTIES CHEMICAL
3- 949
ETHYLENE CHLOROTRIFLUORO
-- POLYMERIZATION OF
3- 656 3- 658 3- 659 3- 660
-- PROPERTIES PHYSICAL
1-1592
ETHYL ETHER
SEE ETHER DIETHYL
ETHYL IODIDE
-- SYNTHESIS OF LABELED
1- 623
EUROPIUM
-- ANALYSIS
1- 358 2-1703 2-1706 2-1707 2-1708 2-2041 2-2223
-- METABOLISM AND TOXICOLOGY
2-2081
-- PROPERTIES NUCLEAR
1- 543 1-1043 2-1438 3- 149
-- SEPARATION METHODS
1- 852
-- SPECTRA
1- 563 1-1334 1-1711 1-1938 2- 649
-- SPECTRA FLUORESCENCE
3-1542
EUROPIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1498
-- CROSS SECTION NEUTRON
3- 149
-- PROPERTIES NUCLEAR
1- 854
EUROPIUM EU-152
-- PROPERTIES NUCLEAR
1-1701
EUROPIUM EU-153
-- PROPERTIES NUCLEAR
2-1972
EUROPIUM EU-154
-- PROPERTIES NUCLEAR
1- 543 1-1701 3-1032
-- RADIOGRAPHIC USES
3-1673
-- TRACER APPLICATIONS
2-2081
EUROPIUM EU-155
-- PROPERTIES NUCLEAR
1- 852 2- 647
-- RADIOGRAPHIC USES
3-1673
EUROPIUM COMPOUNDS
-- EUROPIUM ACETYLACETONATE
1-1716
-- EUROPIUM CHLORIDE
1-1711

EUROPIUM COMPOUNDS
-- EUROPIUM PERCHLORATE
1-1938
EXCLUSION PRINCIPLE
1- 318
EXPOSURE METERS
SEE PHOTOGRAPHY EXPOSURE METERS
EYE DISEASES
-- RADIATION THERAPY
2- 853 2-1147 2-1442 2-1696 2-2033
3- 251 3- 576 3- 586 3- 590 3- 922
3- 927 3- 929 3-1058 3-1649 3-1853
-- RADIOISOTOPES THERAPY
3- 47 3- 48
EYES
-- EFFECTS OF RADIATION ON
1- 405 1- 407 1- 414 1-1247 2- 33
-- METABOLISM AND TOXICOLOGY STUDIES
3- 274 3- 619 3-1805

FATS
SEE LIPIDS
FATTY ACIDS
-- ANALYSIS
3- 633
-- METABOLISM OF
1- 389 2- 878 3- 941 3-1084
-- URANIUM POISONING EFFECTS ON
2- 406
FERMENTATION PROCESSES
1- 394 2- 883 2-1155 3- 69 3- 72
3- 73
FERROIN
-- ANALYTICAL REAGENT FOR AL
1- 914
FERTILITY
-- EFFECTS OF RADIATION ON
2-1058
FIELD THEORY
SEE ELECTROMAGNETIC FIELD THEORY
AND MESON FIELD THEORY
FILM DETECTORS
SEE PHOTOGRAPHIC FILM DETECTORS
FILTER PAPER
-- AEROSOL COLLECTION BY
1- 990
FILTER PAPER ANALYZERS
-- CONSTRUCTION AND OPERATION
3- 426
FILTRATION APPARATUSES
-- DESIGN AND CONSTRUCTION
2- 139 2-1329 3-1669
FIRE PROTECTION
3-1035
FISCHER - TROPSCH SYNTHESIS
2- 674
FISCHER-WEIGERT SYNTHESIS
1- 759
FISH
-- EFFECTS OF RADIATION ON
1- 230 1-1087 2- 27 2-1868
-- METABOLISM AND TOXICOLOGY STUDIES
1-1056 2- 335 3- 604 3-1804
FISSION
SEE SUBHEAD FISSION UNDER SPECIFIC
FISSIONABLE ELEMENTS SUCH AS URANIUM
SEE SUBHEAD NUCLEAR REACTIONS UNDER
NEUTRONS
FISSION PRODUCTS
SEE ALSO SPALLATION PRODUCTS
-- ALKALI METALS
1- 114 2-1537 2-1538 2-1539 2-1659
2-1678 3- 176
-- ALKALINE EARTHS
2-1528 2-1529 2-1530 2-1541 2-1660
-- ANALYSIS
1- 54 1- 203 1- 277 1- 430 1- 619
2- 168 3- 636
-- ANTIMONY ISOTOPES
2-1532 2-1683
-- BIOLOGICAL EFFECTS
1- 17
-- CADMIUM ISOTOPES
2-1531 2-1682
-- COLUMBIUM ISOTOPES
2-1129
-- CROSS SECTION NEUTRON
3- 761
-- DECAY RATE
1- 194 1- 671 3- 403 3-1604
-- DETECTION AND MEASUREMENT
3- 438 3-1737 3-1998
-- DIFFUSION AND SCATTERING
2- 176 3- 784 3-1707
-- ENERGY LIBERATION IN
2-1479 2-1880 2-1881 3- 985 3-1129
3-1137 3-1252 3-1604 3-1707 3-1726
3-2245
-- FROM BISMUTH
2-1613 3-1726
-- FROM LEAD
3-1726
-- FROM PLUTONIUM
1-1359 2-1739 3-1707

FISSION PRODUCTS
-- FROM THORIUM
1- 169 1-1009 2- 782
-- FROM URANIUM
1- 114 1- 115 1- 117 1- 203 1- 670
1- 692 1-1293 1-1357 2-1739 2-1866
3-1097 3-1248 3-1275 3-1604 3-1953
3-2245
-- HALOGENS
1- 692 2-1000 2-1521 2-1535 2-1670
2-1671 2-1677
-- METABOLISM AND TOXICOLOGY
3- 216 3-1178
-- MILITARY USES
3- 192 3-1789
-- MOLYBDENUM ISOTOPES
3- 760
-- NUCLEAR POWER SOURCES
3- 194
-- PALLADIUM METALS
2-1679 2-1681
-- PLATINUM METALS
1- 670 2-1305
-- PROPERTIES NUCLEAR
3- 172 3- 874
-- RANGE IN GASES
1-1632 3-2247
-- RARE EARTHS
1- 203 2-1129 2-1130 2-1665 2-1666
2-1674 2-1706 2-1707 2-1708 2-1709
2-1710 2-1711 2-1713 2-1714 2-1715
2-2220 3-1097 3-1248
-- RARE GASES
1- 114 1- 115 1- 117 2-1989
-- SELENIUM ISOTOPES
2-1520
-- SEPARATION METHODS
1- 976 2-2092 3- 289 3-1089
-- TELLURIUM ISOTOPES
2-1520
-- THERAPEUTIC USES
1- 473 1-1278 3-1521
-- TRACER APPLICATIONS
1-1278
-- XENON ISOTOPES
3-1936
-- YIELD DISTRIBUTION
1-1230 1-1967 2-1864
-- ZIRCONIUM ISOTOPES
2-1129
FLASH BURNS
3-1320
FLAVONES
-- EFFECT ON BLOOD VESSELS
3-1050
-- RADIATION SICKNESS THERAPY USING
2-1434
FLOUR
-- ABSORPTION STUDIES
1- 579 1- 862
FLOWMETERS
-- CONSTRUCTION AND OPERATION
3- 375 3- 811 3-1384
FLUID FLOW
-- IN PIPING SYSTEMS
3-1672
FLUORENE
-- RADIATION DETECTION USES
1-1646 2- 975
-- USES IN SYNTHESIS
1- 760
FLUORENE 2-ACETYLAMINO
-- SYNTHESIS OF LABELED
2-2094
FLUORESCEIN DIIODO
-- BRAIN TUMOR LOCATION WITH
1- 376 1- 870 1-1738 2- 876 2- 877
FLUORINE
-- ANALYSIS
1- 753 1- 754 1-1255 1-1764 2- 61
2- 62 2- 65 2- 70 3- 80
-- CROSS SECTION NEUTRON
1-1631 2-1393
-- METABOLISM AND TOXICOLOGY
1- 715 1-1390 1-1769 2- 411 2- 487
2- 711 3- 210
-- PRODUCTION
1-1256 1-1257 1-1407 2- 769 2-1744
3-1344
-- PROPERTIES CHEMICAL
2- 84 2- 127 2- 132 2-2110
-- PROPERTIES NUCLEAR
1- 329 1- 402 1- 838 2- 591 2-1971
3-1140 3-2274
-- RADIATION STOPPING BY
2-1171
-- SEPARATION METHODS
2- 61
-- SPECTRA
1-1725 1-1953 1-1954
-- WASTE DISPOSAL OF
1-1258
FLUORINE F-17
-- FORMATION OF
2- 568

FLUORINE F-18
-- FORMATION OF
1- 498 2-1968
-- PROPERTIES NUCLEAR
1- 836 1-1186 1-1932 3- 493
FLUORINE F-19
-- CROSS SECTION NEUTRON
3-1136
-- PROPERTIES NUCLEAR
1- 295 2- 13 2- 845 2-1093 2-1399
2-1918 3- 794 3-1276 3-1403 3-2327
3-2328
FLUORINE F-22
-- PROPERTIES NUCLEAR
3-1402
FLUORINE COMPOUNDS
-- CHLORINE TRIFLUORIDE
2-1207
-- FLUOBORATE BARIUM
2- 436
-- FLUOBORATE POTASSIUM
2- 436
-- FLUOROCARBONS
1- 81 1- 438 1-1110 1-1111 1-1112
1-1265 1-1266 1-1267 1-1390 1-1406
1-1407 1-1409 1-1587 1-1589 1-1590
1-1591 1-1592 1-1781 1-1784 1-1817
1-1818 1-1819 1-1820 1-1821 2- 70
2- 126 2- 127 2- 128 2- 129 2- 130
2- 131 2- 132 2- 133 2- 134 2- 471
2- 473 2- 474 2- 475 2- 476 2- 477
2- 478 2- 479 2- 480 2- 747 2- 748
2- 749 2-1208 2-1788 2-1789 2-1918
2-1919 2-1995 3- 80 3- 297 3- 657
3-1335 3-1345 3-1668 3-2149
-- HALOCARBONS
1- 81 1- 939 1-1264 1-1407 1-1408
1-1587 1-1589 2- 125 2- 135 2- 472
2-2048 3- 296 3- 656 3- 657 3- 658
3- 659 3- 660 3-1345 3-2149
-- HYDROGEN FLUORIDE
1-1255 1-1256 1-1257 1-1258 2- 435
2- 721 2- 727 3- 210
-- SODIUM FLUORIDE
2- 487
FLUOROACETATES
SEE ACETATES FLUORO-
FLUOROETHANES
SEE SPECIFIC FLUOROETHANES LISTED
UNDER ETHANE
FLUOROFORM
-- STRUCTURE MOLECULAR
2-1918
FLUOROLUBE OILS
-- PROPERTIES PHYSICAL
3-1345
FLUOROPHOSPHONATES
SEE PHOSPHONATES FLUORO
FLUOROPHOTOMETERS
SEE ALSO SPECTROPHOTOMETERS
-- CONSTRUCTION AND OPERATION
2- 493 3-1350
FLUOROTHENE
-- EFFECTS OF CHEMICALS ON
3-1668
-- FILTRATION USES
3-1669
-- PROPERTIES
1- 81 1-1587 3-1669
FLUOROTOLUENES
SEE TOLUENES FLUORO-
FLUXMETERS
-- CONSTRUCTION AND OPERATION
1-1125 2- 495 3-1123
FOILS
SEE METAL FOIL DETECTORS
FOLIC ACID
-- RADIATION SICKNESS THERAPY USING
2- 397 2- 614 2- 616 2- 983 2- 984
2-1656
FOLLICLE STIMULATING HORMONE
SEE ESTROGENS AND GONADOTROPINS
FOLLICULIN
SEE ESTROGENS
FOOD
-- CONTAMINATION RADIOACTIVE
1-1599
FORMALDEHYDE
-- SYNTHESIS OF LABELED
3-1882
FORMIC ACID
-- EFFECTS OF RADIATION ON
1- 697
-- RETARDATION OF NEUTRONS BY
1- 291
-- SYNTHESIS
2-1341
FRANCIUM
-- ABUNDANCE AND DISTRIBUTION
3- 678
-- PROPERTIES CHEMICAL
2- 678
FRANCIUM ISOTOPES
-- PROPERTIES NUCLEAR
3-2249
FRANCIUM FA-221
-- PROPERTIES NUCLEAR
1-1316
FROGS
-- EFFECTS OF RADIATION ON
1- 40 1- 695 2- 33 2-1754 3-1168
3-1819
-- METABOLISM AND TOXICOLOGY STUDIES
2-1858 2-2227 3- 943 3-1819
FRUCTOSE
-- SYNTHESIS OF LABELED
1- 61
FUMARIC ACID
-- METABOLISM OF
3-1627
FUNGI
SEE ALSO ALGAE MOLDS AND PLANTS
-- EFFECTS OF RADIATION ON
2- 707 3- 9 3-2082
-- METABOLISM AND TOXICOLOGY STUDIES
3-1083
FURNACES
SEE ALSO INDUCTION FURNACES AND
VACUUM FURNACES
-- CONSTRUCTION AND OPERATION
3-2124 3-2182

GADOLINIUM
-- ANALYSIS
1- 851
-- PROPERTIES NUCLEAR
1-1202 3-1751
-- PROPERTIES PHYSICAL
3- 306
-- RADIATION ABSORPTION BY
3- 986
-- SEPARATION METHODS
3- 306
-- SPECTRA
1-1334 1-1938
GADOLINIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 958 1-1498
-- PROPERTIES NUCLEAR
1- 854
GADOLINIUM GD-152
-- PROPERTIES NUCLEAR
1-1202
GADOLINIUM GD-153
-- PROPERTIES NUCLEAR
1- 543
GADOLINIUM GD-159
-- PROPERTIES NUCLEAR
2-2209
GADOLINIUM GD-161
-- PROPERTIES NUCLEAR
2-2209
GADOLINIUM COMPOUNDS
-- GADOLINIUM OXIDE
1-1202
-- GADOLINIUM PERCHLORATE
1-1938
GALLIUM
-- ANALYSIS
1-1292 2- 68 2- 905 2-2138 3- 75
-- METABOLISM AND TOXICOLOGY
3- 217 3- 218 3-1177 3-1179 3-1180
-- PRODUCTION
1-1621 1-1623
-- PROPERTIES CHEMICAL
2- 80 2- 81 2- 82 2- 83 2- 929
2-1081 2-1544 3- 840 3-1201 3-1534
3-1869
-- PROPERTIES NUCLEAR
2- 299 3-2259
-- SEPARATION METHODS
2- 80 2- 81
-- STRUCTURE ATOMIC
1- 800
GALLIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
GALLIUM GA-68
-- PROPERTIES NUCLEAR
2-1814
GALLIUM GA-70
-- PROPERTIES NUCLEAR
1-1029
GALLIUM GA-72
-- BIOLOGICAL EFFECTS
3- 546 3-1177
-- PROPERTIES NUCLEAR
1- 327 1-1029 1-1927 2- 167
-- RADIOAUTOGRAPHIC USES
3-1177 3-1180
-- RADIOGRAPHIC USES
3-1179
-- TRACER APPLICATIONS
3-1177 3-1180
GALLIUM GA-76
-- PROPERTIES NUCLEAR
2- 299
GALLIUM ALLOYS
-- PROPERTIES PHYSICAL
2-1588

GALLIUM COMPOUNDS
-- GALLATE AMMONIUM CHLORO
2- 83 3-1201
-- GALLATE CESIUM CHLORO-
3-1201
-- GALLATE LITHIUM CHLORO
3-1201
-- GALLATE POTASSIUM CHLORO-
2- 83 3-1201
-- GALLIUM BROMIDE
2- 929 3-1869
-- GALLIUM CHLORIDE
2- 80 2- 83 3- 217 3- 640 3-1869
-- GALLIUM DIBROMOXINATE
3-1534
-- GALLIUM DICHLOROXINATE
3-1534
-- GALLIUM FLUORIDES
3-1869
-- GALLIUM HYDRIDE
2- 678
-- GALLIUM LACTATE
3- 217
-- GALLIUM NITRATE
2- 81
-- GALLIUM OXIDE
2- 82 2- 929
-- GALLIUM OXINATE
2-1544 3-1534
-- GALLIUM PERCHLORATE
2- 929
-- SULPHOGALLATES
2-1081
GALVANOMETERS
-- AUXILIARIES
3-1124
GAMMA RADIATION
SEE ALSO RADIATION AND X-RADIATION
-- ABSORPTION
1- 886 1-1517 2- 3 2- 12 2- 372
2- 375 2-1166 2-1239 3- 539 3- 971
3- 990 3-1453 3-1933
-- BIOLOGICAL EFFECTS
1- 17 1- 18 1- 234 1- 242 1- 247
1- 248 1- 409 1- 537 1- 740 1-1240
1-1241 1-1242 2- 402 3- 198 3- 205
3- 957 3-1036 3-1827 3-2085
-- CHEMICAL EFFECTS
1- 332 1- 843 1-1707 2- 278 3-1095
3-1540 3-1877 3-2135 3-2271
-- DETECTION AND MEASUREMENT
1- 93 1- 146 1- 274 1- 503 1- 660
1- 954 1- 992 1- 996 1-1295 1-1297
1-1442 1-1535 1-1649 1-1650 1-1654
1-1868 1-1873 2- 181 2- 182 2- 188
2- 190 2- 192 2- 209 2- 215 2- 544
2- 547 2- 548 2- 551 2- 556 2- 801
2- 803 2- 804 2- 809 2- 810 2- 813
2- 814 2- 958 2- 967 2- 971 2-1098
2-1109 2-1110 2-1112 2-1245 2-1246
2-1247 2-1420 2-1422 2-1519 2-1638
2-1641 2-1644 2-1647 2-1693 2-1795
2-1824 2-1827 2-1879 2-1881 2-2008
2-2045 2-2111 2-2169 3- 432 3- 437
3- 439 3- 457 3- 462 3- 464 3- 827
3- 828 3- 830 3- 831 3- 835 3-1440
3-1442 3-1468 3-1595 3-1597 3-1737
3-1741 3-1995 3-2002 3-2017 3-2292
3-2311
-- DIFFUSION AND SCATTERING
1- 220 1-1375 1-1517 1-1518 1-1520
1-1865 1-1891 2- 1 2- 7 2- 13
2-1167 2-1239 3- 990 3-1276 3-1457
3-2317
-- DOSAGE DETERMINATIONS
2- 552 2-1280 3- 444 3- 566 3- 913
-- ELECTRON PAIR PRODUCTION BY
3-1458
-- FROM ALUMINUM ISOTOPES
1-1034 1-1894 3-2024 3-2274
-- FROM AMERICIUM ISOTOPES
1-1066
-- FROM ANTIMONY ISOTOPES
1- 331 1-1187 2- 375 2- 848 2-1827
2-1837 2-1843 3-1032 3-1311 3-1317
3-1418 3-1573
-- FROM ARGON ISOTOPES
2- 293
-- FROM ARSENIC ISOTOPES
2- 290 2- 298 3-2336
-- FROM BARIUM ISOTOPES
1- 536 1- 689 1-1928 2- 1 2-1599
2-1662 3-2026
-- FROM BERYLLIUM ISOTOPES
1- 693 1-1325 1-1702 2-1618 2-2139
2-2201 3-1276 3-1419 3-1473 3-1741
3-2274 3-2327 3-2328
-- FROM BISMUTH ISOTOPES
2-1132 3-1029 3-1472 3-1595 3-1610
-- FROM BORON ISOTOPES
3-2274
-- FROM BROMINE ISOTOPES
1-1187 1-1705 2-2022 3-2334
-- FROM CADMIUM ISOTOPES
2- 285 3- 891 3-2017 3-2253
GAMMA RADIATION
-- FROM CARBON ISOTOPES
2-1323 2-1141 2-1618 3-1276 3-2327
3-2328
-- FROM CERIUM ISOTOPES
1- 703 1-1042 2-1708 3- 487 3-2332
-- FROM CESIUM ISOTOPES
1- 691 2- 7 2- 375 2- 996 2-1599
2-1659 3-1310 3-1470 3-1673 3-2019
-- FROM CHLORINE ISOTOPES
1-1187 2-1272
-- FROM CHROMIUM ISOTOPES
1-1325 2- 375 3-1317
-- FROM COBALT ISOTOPES
1-1150 1-1187 2- 7 2- 181 2- 624
2-1167 2-1245 2-1441 2-1469 3- 177
3-1471 3-1479 3-1673 3-2019 3-2170
3-2325 3-2326
-- FROM COLUMBIUM ISOTOPES
1-1706 2- 999 3- 879 3-2019
-- FROM COPPER ISOTOPES
1-1325 2-2207 3- 893 3-1463
-- FROM DYSPROSIUM ISOTOPES
3-2019 3-2221
-- FROM ERBIUM ISOTOPES
2-2141
-- FROM EUROPIUM ISOTOPES
1- 543 1-1043 2-1708 3-1673
-- FROM FISSION PRODUCTS
1- 194 3- 874
-- FROM FLUORINE ISOTOPES
1-1186 1-1932 2- 845 3-1276 3-2274
-- FROM GADOLINIUM ISOTOPES
1- 543 2-2209
-- FROM GALLIUM ISOTOPES
1- 327 1-1029 1-1927 2- 167
-- FROM GERMANIUM ISOTOPES
2- 299 3- 189
-- FROM GOLD ISOTOPES
1- 6 1-1188 1-1191 1-1477 1-1478
1-1924 2-1268 2-1693 2-1694 2-1840
2-2027 3- 887 3-1467 3-1753 3-2335
-- FROM HAFNIUM ISOTOPES
2- 286 2-1139 2-1140 2-1691 3- 881
3-1162 3-2020 3-2021 3-2253
-- FROM HELIUM ISOTOPES
1-1011 1-1186 1-1932 2-1497
-- FROM HOLMIUM ISOTOPES
2-2221 3-2338
-- FROM HYDROGEN ISOTOPES
1-1011 2- 175 2-2045
-- FROM INDIUM ISOTOPES
2- 285 2-1139 2-1269 2-1689 3-1028
3-1465
-- FROM IODINE ISOTOPES
2- 288 2- 842 2-1669 2-1670 2-2205
3- 188 3-1313 3-1317 3-1467
-- FROM IRIDIUM ISOTOPES
1- 331 3-1673 3-2019 3-2253
-- FROM KRYPTON ISOTOPES
1-1482 3-1315
-- FROM LANTHANUM ISOTOPES
1- 331 1- 703 1-1042 2-1663 2-1673
2-1708
-- FROM LEAD ISOTOPES
2- 967 2-1132 3-1472 3-1595
-- FROM LITHIUM ISOTOPES
2- 629 2- 993 2-1135 2-1497 2-2045
3-1276 3-1608 3-1741 3-1968 3-2274
3-2327
-- FROM LUTECIUM ISOTOPES
3- 494 3-2338
-- FROM MAGNESIUM ISOTOPES
1-1034 2- 1 3-2274
-- FROM MERCURY ISOTOPES
1- 837 3-1316 3-2253
-- FROM MESON DECAY
1- 516 2- 107 3-1227 3-1229
-- FROM MOLYBDENUM ISOTOPES
3-1474 3-1478
-- FROM NEODYMIUM ISOTOPES
2-1674 2-1708
-- FROM NEPTUNIUM ISOTOPES
2-1489 3- 873
-- FROM NICKEL ISOTOPES
2- 1 3-1312
-- FROM NITROGEN ISOTOPES
2- 846 3-2274 3-2337
-- FROM OSMIUM ISOTOPES
1- 840
-- FROM OXYGEN ISOTOPES
2- 13 2- 846 2-1141 3-2327 3-2328
-- FROM PALLADIUM ISOTOPES
2- 1 3-1476 3-2022
-- FROM PARTICLE COLLISIONS
3-1257 3-2316
-- FROM PLATINUM ISOTOPES
1-1191 2-2027 3-2253
-- FROM POLONIUM ISOTOPES
2- 292 2-1440 3-1030
-- FROM POTASSIUM ISOTOPES
1- 695 1- 841 2- 295 2- 518 2-1134
2-2024 3-1595
-- FROM PRASEODYMIUM ISOTOPES
2- 285 2-2042 3-1311 3-1673

GAMMA RADIATION
-- FROM PROTOACTINIUM ISOTOPES
2-1486
-- FROM RADIUM ISOTOPES
3-2170
-- FROM RHENIUM ISOTOPES
2- 285 3- 880 3-1605 3-2023
-- FROM RHODIUM ISOTOPES
2- 7 2-1685 3-A311
-- FROM RUBIDIUM ISOTOPES
1-1318 2- 301 2-1077 3-1673
-- FROM RUTHENIUM ISOTOPES
1- 544 2-1679
-- FROM SAMARIUM ISOTOPES
1- 539 2- 647
-- FROM SCANDIUM ISOTOPES
1-1927 2- 631 3- 899
-- FROM SELENIUM ISOTOPES
1- 326 2- 181 2-1469 2-2023 3-1032
-- FROM SILICON ISOTOPES
1-1894 2- 846
-- FROM SILVER ISOTOPES
2- 285 2-2208
-- FROM SODIUM ISOTOPES
2- 167 2- 173 2- 375 2-2202 3-1316
3-1468 3-1471 3-1708 3-2274 3-2326
-- FROM STRONTIUM ISOTOPES
2- 1 3-1476
-- FROM TANTALUM ISOTOPES
3- 884 3-1673 3-2170 3-2253
-- FROM TECHNETIUM ISOTOPES
1- 299 1- 300 1- 544 1-1479 2- 639
2-2020
-- FROM TELLURIUM ISOTOPES
2- 634 2-1136 2-1669 3-1317 3-1405
3-1469
-- FROM TERBIUM ISOTOPES
1- 543 2-2209
-- FROM THALLIUM ISOTOPES
2- 690 2-1143 2-1827
-- FROM THORIUM FISSION
1-1864
-- FROM THORIUM ISOTOPES
1-1930 2- 892 2- 997 2- 998 2-1036
3-1166
-- FROM THULIUM ISOTOPES
3- 880 3-1607 3-2016 3-2019 3-2023
3-2338
-- FROM TIN ISOTOPES
3-1603 3-1750 3-1759
-- FROM TITANIUM ISOTOPES
1- 837 2- 1
-- FROM TUNGSTEN ISOTOPES
1- 837 2- 297 2- 995 2-1838 3-1474
-- FROM URANIUM FISSION
1- 168 1-1864
-- FROM URANIUM ISOTOPES
1-1372 2-2061 2-2242
-- FROM VANADIUM ISOTOPES
2-2202 3 899 3 1474
-- FROM XENON ISOTOPES
2- 288 2-1667 2-1672
-- FROM YTTERBIUM ISOTOPES
2-2141 3-1032
-- FROM YTTRIUM ISOTOPES
2-1130
-- FROM ZINC ISOTOPES
1-1150 2- 181 2- 375 2-1245 3-1479
3-2325
-- FROM ZIRCONIUM ISOTOPES
1- 331
-- HEALTH HAZARDS INVOLVING
3-2094
-- IN NUCLEAR REACTORS
3-2017
-- INTERNAL CONVERSION
1-1690 2- 821 2- 979 2- 994 2-1133
2-1246 2-1270 2-1274 2-1439 3- 186
3-1405 3-1461 3-1603 3-1610 3-1753
3-1757 3-1758 3-1760 3-2016 3-2019
3-2022 3-2324 3-2325 3-2334 3-2335
-- NUCLEAR REACTIONS
1- 171 1-1308 1-1435 1-1691 1-1895
2- 167 2- 169 2- 173 2-1395 2-1617
2-1814 3- 765 3- 886 3-1236 3-1256
3-1259 3-1274 3-1275 3-1380 3-1422
3-1580 3-1718 3-2244
-- PETROLEUM WELL LOGGING WITH
2-1994
-- POLARIZATION
3- 356
-- RADIOGRAPHIC USES
1-1327 2- 305 2-1695 3-1597
-- SOURCES AND STANDARDS
2-1887 3-1673 3-2170
-- THERAPEUTIC USES
1- 560 2-1003 3-1187

GAS PERMEABILITY APPARATUS
-- CONSTRUCTION AND OPERATION
3- 662
GAS SAMPLING DEVICE
-- CONSTRUCTION AND OPERATION
3-1655
GASEOUS DIFFUSION
SEE ISOTOPES SEPARATION METHODS

GASES
SEE ALSO SPECIFIC GASES
-- ANALYSIS
1- 754 2- 504 2-1336 2-1377 3- 634
3- 701 3-1933 3-1936
-- EFFECTS OF RADIATION ON
2- 690
-- ELECTRICAL BREAKDOWN
3-1939
-- EQUATIONS OF STATE
1- 188 1- 732 1-1452 1-1470 2-1261
2-2183 3- 817 3-1285 3-1481 3-2036
-- FLOW OF
1- 317 1-1902 2- 249 2- 368 2- 953
2-1433 2-1495 2-1998 3- 375 3- 385
3- 811 3-1285 3-1384 3-1900
-- HEAT CAPACITIES
2- 250
-- IONIZATION OF
1-1450 1-1451 1-1455 1-1457 1-1667
1-1668 1-1670 1-1903 1-1904 1-1905
2- 255 2-1097 2-2164 3- 157 3-1480
3-2009 3-2232 3-2311
-- MEASUREMENT OF
3-1932
-- MOLECULAR WEIGHT DETERMINATIONS
3- 378
-- PROPERTIES PHYSICAL
2-1242 3- 813
-- RADIATION ABSORPTION BY
2-1050
-- RADIATION SCATTERING BY
2-1237 3- 148
-- RADIATION STOPPING BY
2-1171
-- STRUCTURE MOLECULAR
1- 915
GASKETS
SEE SEALS AND GASKETS
GASTRIC JUICE
SEE ALSO STOMACH
-- BROMIDE CONCENTRATION IN
2- 874
-- IODIDE CONCENTRATION IN
1- 714
GASTRIC MUCOSA
-- EFFECTS OF RADIATION ON
3- 209
GAUGES
-- FOR VACUUM SYSTEMS
1- 592 1- 594 1-1078 1-1231 1-1748
1-1829 1-1972 2- 369 2- 370 2- 664
2-1164 2-1494 2-1496 2-2066 3- 334
3- 690 3-1356 3-1357 3-1547 3-1550
3-1551 3-1552 3-1555 3-1556 3-2171
3-2172 3-2174
-- HOT WIRE
3-2171 3-2172
-- IONIZATION
3- 383 3-1547 3-1550 3-1551 3-1552
3-1555
-- LIQUID LEVEL
1-1631 3- 689
-- THICKNESS
1- 774 3-1933
GEIGER-MULLER COUNTERS
-- ANALYTICAL USES
1- 151 1- 293 1- 459 1- 639 1- 641
1- 796 1- 937 1-1147 2- 59 2- 202
2- 428 2- 557 2-1063 2-1106 2-1297
2-1340 2-1368 2-1851 3- 279 3- 533
3- 963 3- 964 3- 965 3-1086 3-1206
3-1439
-- AUXILIARIES AND EQUIPMENT
1- 87 1-1123 2- 183 2- 198 2- 218
2- 221 2- 229 2- 818 2-1106 2-1103
2-1421 2-2179 3- 440 3-1287 3-1288
3-2005 3-2299 3-2305
-- CONSTRUCTION AND OPERATION
1- 96 1- 108 1- 272 1- 459 1- 460
1- 461 1- 463 1- 503 1- 545 1- 639
1- 640 1- 772 1- 773 1- 950 1- 952
1- 953 1- 954 1-1127 1-1128 1-1132
1-1133 1-1272 1-1273 1-1274 1-1650
1-1655 1-1656 1-1871 1-1879 1-1880
2- 183 2- 196 2- 202 2- 207 2- 208
2- 215 2- 218 2- 221 2- 543 2- 552
2- 557 2- 558 2- 559 2- 561 2- 562
2- 813 2- 971 2- 976 2-1105 2-1106
2-1109 2-1113 2-1419 2-1639 2-1641
2-1645 2-1825 2-2005 2-2008 2-2011
2-2167 2-2168 2-2170 2-2173 3- 162
3- 430 3- 431 3- 439 3- 441 3- 442
3- 443 3- 454 3- 464 3- 827 3- 830
3- 832 3- 837 3- 845 3-1006 3-1007
3-1011 3-1431 3-1434 3-1435 3-1439
3-1441 3-1442 3-1444 3-1445 3-1448
3-1451 3-1591 3-1592 3-1736 3-1741
3-1968 3-1994 3-2295 3-2296 3-2297
3-2299 3-2300 3-2301 3-2306
-- COSMIC RADIATION DETECTION WITH
1- 439 1- 630 2-1902 2-1905 2-2101
3- 373 3-1235 3-2192
-- GEOPHYSICAL EXPLORATION WITH
1- 789 2- 165 2- 518 2- 519 2-1382
3- 119 3- 706 3-2183

GEIGER-NUTTALL RELATIONSHIP
3- 896
GENERATORS
SEE ELECTROSTATIC GENERATORS AND PULSE GENERATORS
GENETICS
SEE SUBHEAD EFFECTS OF RADIATION ON UNDER CHROMOSOMES
GEOLOGICAL FORMATIONS
-- RADIOACTIVITY IN
3- 336
GEOPHYSICS
1- 725 1- 841 1- 940 1-1113 1-1192
1-1410 1-1593 1-1594 1-1596 1-1629
1-1822 2- 481 2- 483 2- 900 2-1570
2-1790 2-1791
GERMANIUM
-- ANALYSIS
2- 905 2-1595 3- 82
-- ELECTRODEPOSITION OF
2-1380
-- ELECTRON EMISSION FROM
2- 932
-- PRODUCTION
1-1621 1-1623 2-1380
-- PROPERTIES MAGNETIC
3-1123
-- PROPERTIES NUCLEAR
2- 298 2- 299
-- PROPERTIES PHYSICAL
1- 177 1-1669 2- 253 2- 762
-- RADIATION ABSORPTION BY
3- 986
-- RADIATION STOPPING BY
3- 995
-- STRUCTURE CRYSTAL
1-1584

GERMANIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 147 2-1212
GERMANIUM GE 69
-- PROPERTIES NUCLEAR
2- 299
GERMANIUM GE 70
-- PROPERTIES NUCLEAR
1- 326 2- 298 2-1814
GERMANIUM GE 71
-- PROPERTIES NUCLEAR
2- 299 3- 189
GERMANIUM GE 72
-- PROPERTIES NUCLEAR
3- 843
GERMANIUM GE 73
-- PROPERTIES NUCLEAR
3-1581
GERMANIUM GE 75
-- PROPERTIES NUCLEAR
2- 299
GERMANIUM GE 76
-- PROPERTIES NUCLEAR
2- 299
GERMANIUM GE 77
-- PROPERTIES NUCLEAR
3- 189
GERMANIUM ALLOYS
-- PRODUCTION
2-1380
-- PROPERTIES PHYSICAL
2- 762
GERMANIUM COMPOUNDS
-- GERMANIUM TETRACHLORIDE
1-1950
GLASS
-- PRODUCED FROM ATOMIC EXPLOSIONS
1- 286
-- PROPERTIES PHYSICAL
3- 417 3-1944
-- RADIATION DIFFRACTION BY
3-1944
-- RADIATION SCATTERING BY
3-1464 3-1944
-- SODIUM DIFFUSION IN
2-1300
GLASS BATCH MELTING
3- 332
GLASS BLOWING
3- 134
GLOBULIN
-- SYNTHESIS OF LABELED
2- 722
GLOSSARIES
-- NUCLEAR PHYSICS
1- 525 1-1296 2-1412
-- REACTOR THEORY
2- 954
GLUCINIUM
SEE BERYLLIUM
GLUCOSE
-- DEGRADATION OF
3- 312
-- METABOLISM OF
1- 393 1- 717 1- 748 1-1217 2-1151
2-1180 2-1459 3- 60 3- 64 3- 509
3- 941 3-2060
GLUCOSE
-- SYNTHESIS OF LABELED
1- 61 2- 73 2-2093 3- 215 3-1202
3-2136
GLUCOSE-1 PHOSPHATE
-- SEPARATION PROCEDURES
3-1790
GLUCOSE-6 PHOSPHATE
-- SEPARATION PROCEDURES
3-1790
GLUTAMIC ACID
-- ANALYSIS
1-1552
-- METABOLISM OF
1-1214 1-1238 2-1020
GLUTATHIONE
-- EFFECTS OF RADIATION ON
3-1877
GLYCEROL
-- AEROSOL USES
1-1509
-- DIFFUSION PUMP USES
3-1901
-- RETARDATION OF NEUTRONS BY
1- 291
GLYCEROL TRILAURATE
-- METABOLISM OF
3-2061
GLYCEROL TRIPALMITATE
-- METABOLISM OF
2- 878 2-2050
GLYCEROL TRISTEARATE
-- ABSORPTION
3- 710 3- 969
GLYCEROPHOSPHORIC ACID
-- METABOLISM OF
3-1633
-- SEPARATION PROCEDURES
3-1790
GLYCINE
-- ANALYSIS
1-1552
-- INCORPORATION IN SILK
3- 529
-- METABOLISM OF
1- 363 1- 393 1- 394 1-1055 1-1214
1-1215 1-1733 2- 332 2-1021 2-1022
2-1457 2-1732 2-1852 2-1858 2-2230
3- 907 3- 611 3-1324 3-1623 3-1632
-- RADIATION DETECTION USES
1-1443
-- SYNTHESIS OF LABELED
1-1397
GLYCOGEN
-- METABOLISM OF
1-1217 2-1180 2-1459 2-1460 2-1462
3- 64 3- 944 3-1190
GLYCOLIC ACID BENZYLPHENYL
-- SYNTHESIS OF
1- 861
GLYCYL ASPARAGINE
SEE ASPARAGINE GLYCYL-
GLYOXAL PHENYL-
-- REARRANGEMENT OF
1- 373 1-1792
GLYOXALIDONE PHENYLBENZYL
-- RADIATION DETECTION USES
1-1646 2- 975
GLYOXIME DIMETHYL
-- ANALYTICAL REAGENT FOR NI
3-1334
GOATS
-- EFFECTS OF RADIATION ON
2- 836 2-1175 2-1655
-- METABOLISM AND TOXICOLOGY STUDIES
2-1512
GOITERS
SEE THYROID DISEASES
GOLD
-- ANALYSIS
3-1871
-- CROSS SECTION NEUTRON
1- 979 3-1392 3-1949
-- FISSION OF
2-1975
-- IN METEORITES
3-1781
-- METABOLISM AND TOXICOLOGY
3-1056
-- PROPERTIES METALLURGICAL
3-1560
-- PROPERTIES NUCLEAR
2- 687 2-1269 2-1438 2-2027 2-2028
3-1255 3-1611 3-1751
-- RADIATION ABSORPTION BY
2- 383 2-1200 2-1500 3- 986
-- RADIATION SCATTERING BY
2-1750 3-1220
-- SEPARATION METHODS
1-1706 3-1871
-- STRUCTURE CRYSTAL
2- 119
GOLD ISOTOPES
-- PROPERTIES NUCLEAR
1-1644

GOLD ISOTOPES
-- TRACER APPLICATIONS
3-2079
GOLD AU-194
-- PROPERTIES NUCLEAR
1-1477 3- 887
GOLD AU-195
-- PROPERTIES NUCLEAR
1-1477 3- 887
GOLD AU-196
-- PROPERTIES NUCLEAR
1-1477 3- 887
GOLD AU-197
-- PROPERTIES NUCLEAR
1-1478 1-1863 3-1397
GOLD AU-198
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- ISOTOPIC SEPARATION
3-1389
-- PROPERTIES NUCLEAR
1- 6 1- 143 1- 837 1-1166 1-1877
1-1924 1-1927 2-1268 2-1693 2-1694
2-1840 2-1867 3- 492 3- 843 3- 887
3- 897 3-1013 3-1316 3-1753 3-1754
3-2335
-- THERAPEUTIC USES
1- 351 1- 700 3- 571 3- 583 3- 933
GOLD AU-199
-- PROPERTIES NUCLEAR
1-1191 3-1467
GOLD ALLOYS
-- EFFECTS OF RADIATION ON
2-1086
-- EVAPORATION OF
1- 966
-- PRODUCTION
2- 512
-- PROPERTIES
1-1627 2- 512
-- STRUCTURE CRYSTAL
1- 311 2- 163
GOLD COLLOIDS
-- PARTICLE SIZE DETERMINATIONS
2-1170
-- PREPARATION OF
3- 933
GONADOTROPINS
SEE ALSO HORMONES
-- EFFECTS ON IRRADIATED OVARIES
2-1056 2-1324
GRANITE
-- RADIOACTIVITY IN
2-1960
GRAPHITE
SEE ALSO CARBON AND DIAMOND
-- ELECTRON EMISSION BY
2- 794
-- IONIZATION POTENTIAL
1-1454
-- METABOLISM AND TOXICOLOGY
1- 267
-- NEUTRON TRANSMISSION THROUGH
2-1088
-- PRODUCTION
1-1629 2-1339 2-1921
-- PROPERTIES CHEMICAL
3- 661
-- PROPERTIES PHYSICAL
1- 680 1- 831 1-1261 1-1773 1-1823
2- 250 2- 485 3- 662 3-1346 3-2150
-- PROPERTIES REFRACTORY
2- 54 2- 484
-- RADIATION ABSORPTION BY
1-1000 3-1237
-- RADIATION SCATTERING BY
1- 658 3- 762
-- STRUCTURE CRYSTAL
2-1088
-- STRUCTURE MOLECULAR
1-1954
GRAVITATIONAL FIELDS
-- PROPERTIES
1- 685 1-1472 1-1677 1-1685 2- 17
2- 270 3-1980
GRAVITATIONAL THEORY
3-2359
GROWTH RATE
-- EFFECT OF RADIATION ON
3-1040
GUANINE
-- ANALYSIS
2-2086
-- METABOLISM OF
3- 611
GUANYLIC ACID
-- ADSORPTION SEPARATION OF
3-1663
GUINEA PIGS
-- EFFECTS OF RADIATION ON
1- 33 1- 40 1- 735 1- 895 1- 897
2- 26 3-1036 3-1037 3-1054 3-1831
3-1832 3-2074 3-2083 3-2084
-- METABOLISM AND TOXICOLOGY STUDIES
1- 391 1- 420 1- 576 1- 606 1- 612
GUINEA PIGS
-- METABOLISM AND TOXICOLOGY STUDIES
1-1061 1-1095 1-1096 2- 46 2-1178
3- 204 3- 606 3-1501 3-1605 2-1298
2-1330 2-1512 2-1660

HABROBRACON
SEE INSECTS
HAFNIUM
-- ANALYSIS
1- 263 1-1204 1-1206 1-1719 1-1726
2- 420 2-2085
-- CROSS SECTION NEUTRON
2- 166
-- OXIDATION AND REDUCTION STATES
2-1345
-- PROPERTIES CHEMICAL
2-1345
-- SEPARATION METHODS
1-1781 2- 718 2-1139 2-2089 3-1338
3-2132
HAFNIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 467 3-2220
-- PROPERTIES NUCLEAR
3-2253
HAFNIUM HF-175
-- FORMATION OF
2- 992
-- PROPERTIES NUCLEAR
2- 992 2-1691
HAFNIUM HF-181
-- PROPERTIES NUCLEAR
1- 107 1- 325 2- 286 2- 287 2-1139
2-1180 3- 881 3-1162 3-2020 3-2021
HAFNIUM HF-184
-- RADIATION ABSORPTION BY
1-1484
HAFNIUM COMPOUNDS
-- HAFNIUM CHLORIDES
3-1867
-- HAFNIUM FLUORIDES
3-2132
HAIR
-- EFFECTS OF RADIATION ON
2-1323
HALF-LIFE DETERMINATIONS
SEE RADIOACTIVITY - MEASUREMENT OF
HALOCARBONS
SEE SUBHEAD HALOCARBONS UNDER
FLUORINE COMPOUNDS
HALOGENS
SEE ALSO SPECIFIC HALOGENS
-- SPECTRA
1-1905 2- 255
-- STRUCTURE ATOMIC
2- 255
HAMSTERS
-- METABOLISM AND TOXICOLOGY STUDIES
1- 420 2-1330 2-1512
HEALTH AND SAFETY
SEE DUST HAZARDS HEALTH PHYSICS AND
RADIATION HAZARDS AND PROTECTION
HEALTH PHYSICS
SEE ALSO DECONTAMINATION RADIOACTIVE
DUST HAZARDS RADIATION HAZARDS AND
PROTECTION SHIELDING AND WASTE
DISPOSAL RADIOACTIVE
SEE ALSO SUBHEADS BIOLOGICAL EFFECTS
AND DOSAGE DETERMINATIONS UNDER
SPECIFIC RADIATIONS AND RADIOACTIVE
ISOTOPES
-- BIBLIOGRAPHIES FOR
3-1991
-- RADIATION DETECTION INSTRUMENTS FOR
3- 220 3- 534 3-2292
-- RADIATION PROTECTION
1- 82 1- 83 1- 84 1- 85 1- 228
1- 941 1- 943 1-1051 1-1114 1-1115
1-1116 1-1268 1-1411 1-1412 1-1439
1-1493 1-1598 1-1599 1-1761 2- 137
2- 138 2- 256 2- 486 2- 488 2- 489
2- 491 2- 492 2- 956 3-1075 3-1076
2-1145 2-1507 2-1637 2-1643 2-1792
2-1794 2-1795 2-2004 2-2057 2-2111
2-2116 3- 26 3- 222 3- 535 3- 540
3- 541 3- 544 3- 912 3- 913 3- 933
3-1329
HEART
-- MEASUREMENT OF WATER CONTENT
3- 605
HEART DISEASES
-- RADIATION THERAPY
3- 243
-- RADIOISOTOPES THERAPY
1-1040 3- 26 3- 222 3- 535 3- 540
-- SODIUM METABOLISM IN
2-1025
HEART MUSCLES
-- METABOLISM PROCESSES IN
3-1504 3-1628
HEAT TRANSFER
1-1310 2- 590 2- 953 2-1408 2-1587
2-1626 2-1821 2-2160

HEATERS
SEE INDUCTION FURNACES AND VACUUM FURNACES
HEAVY ELEMENTS
SEE ELEMENTS HEAVY
HELIUM
-- DIFFUSION PUMP FOR
2- 277
-- FISSION PRODUCT STOPPING BY
1-1632
-- IONIZATION OF
2- 252 2-2069
-- NUCLEAR REACTOR COOLING USES
3- 784
-- PRODUCTION
1- 304 1- 934 1-1629
-- PROPERTIES NUCLEAR
2- 869 3- 995
-- PROPERTIES PHYSICAL
1- 828 1- 829 1-1024 1-1608 1-1905
2- 255 2- 759 3-1242 2-1261 3- 998
3-1672
-- RADIATION ABSORPTION BY
2-1165
-- RADIATION SCATTERING BY
1- 401 3- 716 3-1599 3-1602
-- SPECTRA
1- 506 1-1725 2- 869
-- STRUCTURE ATOMIC
2- 869
-- WAVE EQUATIONS FOR
3-1483
HELIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 955 2- 498 2-2124
-- SEPARATION METHODS
1-1607 1-1608
HELIUM HE 3
-- CROSS SECTION DEUTERON
1- 978 1-1006
-- CROSS SECTION NEUTRON
1-1167 2-1388 2-2145 3-1965 3-1971
-- DETECTION AND MEASUREMENT
3-2270
-- DIFFUSION AND SCATTERING
2- 378 2- 893 2-1045
-- FORMATION OF
2- 247 2- 948 2-1392 2-1403 2-1616
2-1619 2-2151 2-2152 3- 399 3-1423
3-2270
-- ISOTOPIC SEPARATION
1-1607 1-1608 1-1660 2- 247 2- 759
3-1250
-- PROPERTIES NUCLEAR
1-1004 1-1011 1-1024 1-1886 2- 229
2- 781 2-1093 2-1977 2-1981 3-1260
3-1420 3-1956 3-2258
-- PROPERTIES PHYSICAL
1-1163 2- 247 2-1624 2-1629 2-1996
2-1997 3- 158 3- 389 3-1986 3-2213
-- SPECTRA
1-1503 1-1731 3- 669
-- SPIN AND MOMENT
2- 231
HELIUM HE 4
-- FORMATION OF
3- 399 3-1420 3-1586
-- PROPERTIES NUCLEAR
1- 667 2- 781 3-2258
-- PROPERTIES PHYSICAL
1-1163 2-1624 2-1997 3- 158 3- 389
3-1986 3-2213
-- RADIATION SCATTERING BY
2-2068 3-1947
-- SPECTRA
1-1503 3- 669
HELIUM HE 5
-- PROPERTIES NUCLEAR
1- 667
HELIUM HE 6
-- PROPERTIES NUCLEAR
1- 986 1-1186 1-1932 2-1690 3- 491
HELIUM IONS
SEE ALPHA PARTICLES AND HELIUM HE-3
HEMATOLOGY
SEE BLOOD AND BLOOD SYSTEM
HEMIN
-- METABOLISM OF
3-1623
-- SYNTHESIS OF LABELED
2-1021 3-1523
HEMOGLOBIN
-- METABOLISM PRODUCT
3- 607
-- RATE OF FORMATION OF
2- 332
HEPARIN
-- BLOOD ANTICOAGULANT PROPERTIES
1-1314
-- INACTIVATION BY DYES
2-1328
HEPTANE HEXADECAFLUORO-
-- PROPERTIES PHYSICAL
1-1592
HEPTANE PERFLUORO
-- PROPERTIES CHEMICAL AND PHYSICAL
1-1591
-- SYNTHESIS OF
1-1591
HEPTANONE
-- SOLUBILITY OF THORIUM NITRATE IN
1- 258
HEXABROMOBENZENE
SEE BENZENE HEXABROMO-
HEXACHLOROBENZENE
SEE BENZENE HEXACHLORO-
HEXACHLOROPROPYLENE
SEE PROPYLENE HEXACHLORO-
HEXAFLUOROCYCLOPROPANE
SEE CYCLOPROPANE HEXAFLUORO
HEXAMETHYLENETETRAMINE
-- PROPERTIES CHEMICAL
2- 362
HEXANOL
-- SOLUBILITY OF THORIUM NITRATE IN
1- 258
HEXYL ALCOHOL
SEE HEXANOL
HEXYL ETHER
SEE ETHER DIHEXYL
HISTAMINE
-- EFFECT ON BLOOD SYSTEM
2- 346 2-1508 3-2050 3-2079
HISTAMINE SHOCK
-- RUTIN THERAPY FOR
2- 281
HOLMIUM ISOTOPES
-- FORMATION OF
2-2220
-- PROPERTIES NUCLEAR
2- 638
HOLMIUM HO-161
-- PROPERTIES NUCLEAR
1-1277
HOLMIUM HO-162
-- PROPERTIES NUCLEAR
1-1277
HOLMIUM HO-164
-- PROPERTIES NUCLEAR
1-1277
HOLMIUM HO-166
-- PROPERTIES NUCLEAR
2-2221 3-2338
HOLMIUM COMPOUNDS
-- HOLMIUM SULFATE
3-2151
HOMOLANTHIONINE
-- METABOLISM OF
3-2055
HOMOSERINE
-- METABOLISM OF
3-1319 3-1797
HORMONES
SEE ALSO ENZYMES AND PROTEINS
-- ADRENAL CORTICAL
3- 64 3- 626 3-1823
-- ADRENALIN
3-1831
-- ESTROGENS
1- 574 1- 575 1- 925 1-1739 2-1056
2-2211 3-1812 3-1821 3-2069
-- GONADOTROPINS
2-1056 2-1324
-- INSULIN
1- 374
-- PROGESTERONE
3-1812
-- STEROID TYPE
1- 322 1-1315 2-1444 2-1546 2-2019
3-2080
-- TESTOSTERONE
3- 288 3-1812
-- THERAPEUTIC USES
3-1533
-- THYROTROPINS
1-1350 2-1029
-- THYROXINE
1- 30 1- 249 1- 385 1- 712 1-1039
2- 41 2- 397 2-1157 3- 622 3-1341
3-1341 3-1632 3-1833 3-2069
HUMANS
-- EFFECTS OF RADIATION ON
3-1327 3-1839
-- METABOLISM AND TOXICOLOGY STUDIES
3-1081 3-1192
HYALURONIC ACID
-- EFFECTS OF RADIATION ON
2-1835
HYALURONIDASE
-- EFFECT OF RADIATION ON
3-1636
-- EFFECT ON LIPID METABOLISM
3-2072
-- INHIBITION BY RUTIN
2- 280 3- 909
HYDANTOIN
-- SYNTHESIS OF LABELED
1-1397

HYDRAZINE PHENYL
SEE PHENYLHYDRAZINE
HYDROCARBONS
SEE ALSO SPECIFIC HYDROCARBONS SUCH AS METHANE
-- ANALYSIS
1-1553
-- EFFECTS OF RADIATION ON
3-2134
-- IONIZATION POTENTIALS
1-1454 3-2134
-- RADIATION ABSORPTION BY
2-1363 3- 969
-- SYNTHESIS
2- 674

HYDROGEN
SEE ALSO DEUTERIUM AND TRITIUM
-- ANALYSIS
1-1265 1-1266 1-1267 1-1549 1-1635 2-1336 2-1340
-- CROSS SECTION NEUTRON
1- 740 1- 989 2- 777 3-1391 3-1952 3-2236
-- DIFFUSION PUMP FOR
2- 277
-- FISSION PRODUCT STOPPING BY
1-1632
-- FORMATION OF
3-2159
-- IONIZATION OF
1- 765 1-1176 1-1670 2- 251 2-2069 3-1573
-- PROPERTIES CHEMICAL
1- 926 2-2110 3- 290 3- 292 3-1870
-- PROPERTIES NUCLEAR
1- 7 1-1464 1-1465 1-1675 2- 175 2- 323 2-1312 3-1403
-- PROPERTIES PHYSICAL
1- 188 1-1176 1-1914 2-1261 3-2159
-- PURIFICATION
1- 620 1- 727 1- 757
-- RADIATION ABSORPTION BY
1-1374 2-1050 2-1165 2-1606 3- 710
-- RADIATION DETECTION USES
3-1944
-- RADIATION SCATTERING BY
1-1081 2-1169 3-1454 3-1952 3-2351
-- RADIATION STOPPING BY
2-1171
-- ROCKET PROPELLANT USES
3-1412
-- SPECTRA
1-1343 1-1501 1-1725 1-1903 2- 261 2- 323
-- STRUCTURE ATOMIC
1- 832 1-1456 2- 261 2- 323 3-2037
-- STRUCTURE MOLECULAR
1- 164 2- 569
-- WAVE EQUATIONS FOR
3-1484

HYDROGEN ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2227
-- SEPARATION METHODS
3-2227
HYDROGEN COMPOUNDS
-- HYDROGEN BROMIDE
1- 620 1-1881 2-1233 2-2022 3-1536
-- HYDROGEN CHLORIDE
1- 620 1-1881 2-1233 3-1352 3-1536 3-1701
-- HYDROGEN CYANIDE
3-1941
-- HYDROGEN DEUTERIUM OXIDE
2- 746
-- HYDROGEN FLUORIDE
1-1255 1-1256 1-1257 1-1258 2- 435 2- 721 2- 727 3-1321
-- HYDROGEN IODIDE
1-1881 2-1233
-- HYDROGEN PEROXIDE
1- 197 1-1037 1-1488 2- 29
-- HYDROGEN SELENIDE
1- 80 1-1881
-- HYDROGEN SULFIDE
1- 80 1- 478 1-1881 2-1233 3-2139
-- HYDROGEN TELLURIDE
1- 80
HYDROGEN ION CONCENTRATION
-- MEASUREMENT OF
3-1125
HYDROGRAPHY
-- RADIOACTIVITY IN BIKINI LAGOON
2-1503
HYDROQUINONE
-- RADIATION DETECTION USES
1-1443
HYDROXYQUINOLINE
-- ANALYTICAL REAGENT FOR GALLIUM
2- 68 2- 80 2- 81
HYPERTENSION
-- RADIATION THERAPY
3-1066

ICE
-- RADIATION ABSORPTION BY
3-1379
-- RANGE OF RADIATION IN
2-1549
-- STRUCTURE CRYSTAL
2-2109
ILLINIUM
SEE PROMETHEUM
IMMUNITY
-- EFFECTS OF RADIATION ON
3- 197
INDIUM
-- ANALYSIS
1- 430 2- 905 3- 75
-- CROSS SECTION NEUTRON
1-1640 3- 764
-- EFFECTS OF RADIATION ON
1- 997
-- PRODUCTION
1-1623
-- PROPERTIES CHEMICAL
2-1544 3-1534
-- PROPERTIES METALLURGICAL
2-1124
-- RADIATION ABSORPTION BY
3- 986
-- SEPARATION METHODS
2-1139 2-1543 3-1659
-- STRUCTURE ATOMIC
1- 800
INDIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1594 3-2220
-- PROPERTIES NUCLEAR
2- 265
INDIUM IN 111
-- PROPERTIES NUCLEAR
2-1669 3- 995
INDIUM IN 112
-- PROPERTIES NUCLEAR
3- 995
INDIUM IN 114
-- FORMATION OF
3-1659
-- PROPERTIES NUCLEAR
3-1028 3-1559 3-2026
INDIUM IN 115
-- CROSS SECTION NEUTRON
2- 936
-- PROPERTIES NUCLEAR
2-1093 2-1139 2-1269 2-1612 2-1972 3-1418 3-1465
INDIUM IN 116
-- CROSS SECTION NEUTRON
1- 136 2-1800
INDIUM IN 118
-- PROPERTIES NUCLEAR
3- 886
INDIUM IN 119
-- PROPERTIES NUCLEAR
3- 886
INDIUM COMPOUNDS
-- INDIUM HYDRIDE
2- 678
-- INDIUM OXINATE
2-1544 3-1534
INDOLE-3-ACETIC ACID
SEE ACETIC ACID INDOLE
INDUCTION FURNACES
-- CONSTRUCTION AND OPERATION
2-1336 2-1592
INDUSTRIAL DECENTRALIZATION
2- 696
INFRARED RADIATION
-- DETECTION AND MEASUREMENT
2-2046
INSECTS
-- DISTRIBUTION STUDIES
3-1194
-- EFFECTS OF RADIATION ON
1- 237 1- 238 1- 247 1- 248 1- 409 1- 895 1- 902 1-1058 2- 704 2-1055 2-1509 3- 13 3- 14 3- 198 3- 509 3-1036 3-1193 3-1511 3-1513 3-1638 3-1826 3-2083 3-2087
-- METABOLISM AND TOXICOLOGY STUDIES
3- 592

INSTRUMENTS
SEE LABORATORY EQUIPMENT RADIATION DETECTION INSTRUMENTS AND SPECIFIC INSTRUMENTS LISTED ALPHABETICALLY
INSULATION
-- FOR DIFFUSION PUMPS
3-1546
-- FOR ELECTRICAL EQUIPMENT
2-1374
-- FOR RADIATION DETECTION INSTRUMENTS
2- 184
INSULATION FLASHOVER TESTS
1- 88
INSULIN
-- EFFECTS ON CARBOHYDRATE METABOLISM
1- 374 3- 64

INSULIN
-- EFFECTS ON IRRADIATED THYMUS GLANDS
3-2074
INTERFEROMETERS
SEE ALSO SONIC INTERFEROMETERS
-- CONSTRUCTION AND OPERATION
3-1340 3-1666
INTERNAL CONVERSION
SEE SUBHEAD INTERNAL CONVERSION UNDER GAMMA RADIATION FOR GENERAL PAPERS CONCERNING THIS PHENOMENON
SEE SUBHEADS CONCERNED WITH EMISSION OF BETA PARTICLES AND X-RADIATION FROM SPECIFIC ISOTOPES UNDER MAIN HEADS BETA PARTICLES AND X-RADIATION FOR PAPERS DEALING WITH INTERNAL CONVERSION IN SPECIFIC RADIOISOTOPES
INTESTINES
-- EFFECTS OF RADIATION ON
2- 30 2- 708 2-1892 2-2077 3-1824
IODINE
-- ANALYSIS
3- 81
-- CROSS SECTION NEUTRON
3- 764
-- METABOLISM STUDIES WITH ISOTOPES
1- 30 1- 246 1- 249 1- 250 1- 385
1- 552 1- 710 1- 712 1- 714 1- 847
1- 849 1- 875 1-1051 1-1056 1-1063
1-1329 1-1350 1-1351 1-1358 1-1507
1-1512 1-1735 1-1736 1-1737 1-1739
1-1740 1-1934 1-1957 2- 335 2- 337
2- 403 2- 664 2-1029 2-1151 2-1157
2-1181 2-1278 2-1295 2-1298 3- 58
3- 277 3- 596 3-1052 3-1191
-- OXIDATION AND REDUCTION STATES
2-1521
-- PROPERTIES CHEMICAL
2-1521 2-1535
-- RADIATION ABSORPTION BY
3- 986
-- RADIATION STOPPING BY
2-1171
-- SEPARATION METHODS
1- 434 2-1535 2-1536
-- STRUCTURE ATOMIC
1-1456
-- TRANSMUTATION BY PLANTS
3-2039
IODINE ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2223
-- FORMATION OF
1- 67 1- 470
-- PROPERTIES NUCLEAR
1- 114
-- RADIOGRAPHIC USES
1- 845
-- THERAPEUTIC USES
1-1039 1-1139 2- 309 2- 604
-- TRACER APPLICATIONS
1-1051 1-1957 2- 309 2-1521
-- USES IN SYNTHESES
2- 722
IODINE I-124
-- PROPERTIES NUCLEAR
3-1467
IODINE I-126
-- FORMATION OF
2-1617
IODINE I-127
-- CROSS SECTION NEUTRON
2- 936
-- PROPERTIES NUCLEAR
2- 233 2-1404 2-1617 2-1972 3-1403
3-1407
IODINE I-128
-- CROSS SECTION NEUTRON
1- 136 2-1800
IODINE I-129
-- PROPERTIES NUCLEAR
3- 761 3-1268 3-1407
IODINE I-130
-- THERAPEUTIC USES
1- 354 1- 845 1-1937 3- 583
IODINE I-131
-- ANALYSIS RADIOMETRIC
1- 918 3-1181 3-2127 3-2302
-- BIOLOGICAL EFFECTS
1- 30 1- 246 1- 416 1-1350 2- 37
2- 41 2- 403 3- 200 3- 535 3-1046
3-1833
-- DECONTAMINATION PROCEDURES FOR
3-2090 3-2091
-- DIAGNOSTIC USES
1- 355 1- 875 1-1063 1-1512 1-1738
1-1934 2- 343 2- 676 3- 53 3-1192
3-1856 3-1863 3-1864 3-2054 3-2070
-- DOSAGE DETERMINATIONS
2-2232 3- 43
-- FORMATION OF
1- 62 1- 469 2-1536
-- PROPERTIES NUCLEAR
1- 996 2- 288 2- 597 2- 808 2- 842
IODINE I-131
-- PROPERTIES NUCLEAR
2-1667 2-1570 2-2205 3- 168 3- 191
3- 496 3- 910 3-1313 3-1317 3-1431
-- RADIOAUTOGRAPHIC USES
1- 337 1- 339 1- 355 1- 698 1-1358
1-1489 2- 37
-- THERAPEUTIC USES
1- 355 1- 556 1- 557 1- 845 1- 847
1- 849 1-1040 1-1329 1-1330 1-1493
1-1934 1-1935 1-1936 1-1937 2- 646
2-1007 2-1278 2-2053 2-2217 2-2219
2-2233 3- 36 3- 43 3- 45 3- 46
3- 52 3- 53 3- 54 3- 56 3- 59
3- 67 3- 262 3- 264 3- 277 3- 567
3- 571 3- 583 3- 918 3- 920 3- 924
3-1056 3-1072 3-1650 3-1856 3-2092
3-2113
-- TRACER APPLICATIONS
1- 376 1- 385 1- 552 1- 710 1- 711
1- 712 1- 714 1- 870 1- 875 1-1056
1-1063 1-1329 1-1350 1-1351 1-1355
1-1358 1-1507 1-1512 1-1735 1-1736
1-1737 1-1738 1-1739 1-1740 1-1936
2- 335 2- 337 2- 404 2- 671 2- 877
2-1029 2-1151 2-1157 2-1278 2-1295
2-1298 2-2228 2-2232 2-2233 3- 58
3- 59 3- 67 3- 74 3- 277 3- 278
3- 596 3- 612 3- 617 3- 622 3- 938
3- 945 3-1082 3-1083 3-1181 3-1191
3-1192 3-1502 3-1650 3-1856 3-1801
3-2053 3-2054 3-2058 3-2068 3-2069
3-2070 3-2072 3-2073
-- USES IN SYNTHESES
2-1545 3-1341 3-1667 3-1883 3-2058
IODINE I-132
-- PROPERTIES NUCLEAR
2-1669
IODINE I-133
-- PROPERTIES NUCLEAR
2-1670
IODINE I-134
-- PROPERTIES NUCLEAR
1-1359
IODINE I-135
-- PROPERTIES NUCLEAR
2-1670 2-1671 2-1989
IODINE I-136
-- PROPERTIES NUCLEAR
1- 692
IODINE I-137
-- PROPERTIES NUCLEAR
2-1000
IODINE I-138
-- PROPERTIES NUCLEAR
2-1000
IODINE I-139
-- PROPERTIES NUCLEAR
2-1000
IODINE COMPOUNDS
-- IODINE CYANIDE
3- 670
-- PERIODIC ACID
3- 283
IODOCASEIN
SEE CASEIN IODO
IODOTYROSINE
SEE TYROSINE MONOIODO- AND DIIODO-
ION MICROSCOPES
SEE ALSO ELECTRON MICROSCOPES AND PROTON MICROSCOPES
-- CONSTRUCTION AND OPERATION
2- 145
ION VELOCITY ANALYZERS
-- CONSTRUCTION AND OPERATION
3-2232
IONIUM
SEE THORIUM TH-230
IONIZATION CHAMBERS
-- ANALYTICAL USES
1-1478 2-1519 2-1523 2-1635
-- AUXILIARIES
3- 751 3-1443
-- CONSTRUCTION AND OPERATION
1- 93 1- 94 1- 95 1- 219 1- 494
1- 638 1- 822 1- 942 1- 974 1-1147
1-1276 1-1295 1-1648 1-1649 2- 197
2- 225 2- 549 2- 560 2- 969 2-1098
2-1100 2-1105 2-1110 2-1252 2-1423
2-1519 2-1523 2-1824 3- 442 3- 449
3- 450 3- 462 3- 818 3- 833 3- 985
3-1998 3-2291 3-2311
-- COSMIC RADIATION DETECTION WITH
1- 631 1-1804 2-1199 2-1354 2-1900
3-1229 3-1698 3-2190 3-2200
-- PETROLEUM WELL LOGGING WITH
2-1241
-- THEORY OF
3-1596
IONOTRONS
-- CONSTRUCTION AND OPERATION
2-1210
IONS
-- ACCELERATION OF
2- 582 2-1406

IONS
-- ACTION IN ELECTROMAGNETIC FIELDS
1- 309 1-1137 2- 790 2-1078 2-1645
3-1425
-- DETECTION AND MEASUREMENT
2-1418 2-1420 3-1997
-- METAL BOMBARDMENT WITH
2-1627
-- SOURCES
1- 90 1- 97 1- 100 1- 103 1- 271
1- 522 1- 783 1-1041 1-1129 1-1172
1-1432 1-1433 1-1915 2- 244 2- 509
2- 510 2- 918 3- 376 3- 392 3- 807
3-1126 3-1247 3-1570 3-1572 3-1573
3-1704 3-1705
-- VELOCITY MEASUREMENTS
3-1703
-- WAVE EQUATIONS FOR
1- 832 1- 833
IRIDIUM
-- ANALYSIS
2-1305
-- CROSS SECTION NEUTRON
1- 979
-- FISSION OF
2-1975
-- PROPERTIES NUCLEAR
2-1438 2-1972 2-2027
-- RADIATION ABSORPTION BY
3- 986
-- SEPARATION METHODS
1- 331
IRIDIUM ISOTOPES
-- FORMATION OF
1- 670
-- PROPERTIES NUCLEAR
3-2253
IRIDIUM IR-192
-- PROPERTIES NUCLEAR
1- 157 1- 885 1-1698 3-2018 3-2019
-- RADIOGRAPHIC USES
3-1673
IRIDIUM IR-194
-- PROPERTIES NUCLEAR
1- 331 3-2019
IRON
SEE ALSO STEEL
-- ABUNDANCE AND DISTRIBUTION
3-2222
-- ANALYSIS
1- 429 1- 914 1-1253 1-1968 3- 78
3-1335 3-1565
-- CORROSION OF
3- 958 3-1676
-- CROSS SECTION NEUTRON
1- 140 1- 141 1- 656 1- 657 2- 526
3-1392
-- EFFECTS OF RADIATION ON
3-1565
-- METABOLISM STUDIES WITH ISOTOPES
1- 350 1- 380 1- 388 1- 390 1- 871
1-1051 1-1057 2-1860 3- 620 3-1325
-- OXIDATION AND REDUCTION STATES
1-1707
-- PROPERTIES CHEMICAL
3- 958
-- PROPERTIES MAGNETIC
2-1621 3-1110
-- PROPERTIES METALLURGICAL
3-1905
-- PROPERTIES NUCLEAR
2-1814
-- PROPERTIES PHYSICAL
2-2125
-- RADIATION ABSORPTION BY
1- 441 1- 443 1-1403 2- 376 2- 457
2-1069 2-1188 2-1363 2-1365 2-1908
2-2096 3- 710 3- 971 3-1600
-- RADIATION SCATTERING BY
1- 140 1-1637 2-1390 2-1973 3-1948
-- SPECTRA
1-1347
-- STRUCTURE CRYSTAL
1-1109 1-1404
IRON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 757 3-2220
-- TRACER APPLICATIONS
1- 871 1-1051 1-1057 2-1860 3-2051
IRON FE-52
-- PROPERTIES NUCLEAR
1-1008 1-1014
IRON FE-54
-- CROSS SECTION NEUTRON
3-1136
-- PROPERTIES NUCLEAR
2-1404
IRON FE-55
-- FORMATION OF
1- 470
-- PROPERTIES NUCLEAR
1-1871
-- THERAPEUTIC USES
3-2092
-- TRACER APPLICATIONS
1- 350 2- 736 3- 93 3- 594 3- 595
IRON FE-55
-- TRACER APPLICATIONS
3-1325 3-2062 3-2067
IRON FE-56
-- PROPERTIES NUCLEAR
3-1662 3-1665
-- TRACER APPLICATIONS
3-1325
IRON FE-57
-- PROPERTIES NUCLEAR
1-1153 3-1141 3-1583 3-1662 3-1717
IRON FE-59
-- FORMATION OF
1- 469 1- 470
-- THERAPEUTIC USES
1- 472 3-2092
-- TRACER APPLICATIONS
1- 350 1- 380 1- 387 1- 388 1- 390
2- 671 2-1467 3- 63 3- 594 3- 595
3- 620 3- 937 3-2067
IRON ALLOYS
-- ANALYSIS
1-1392
-- PRODUCTION
1-1852 2- 512
-- PROPERTIES
1-1832 1-1847 2- 512 3-1109
-- STRUCTURE CRYSTAL
1- 311 1-1140 2-2128 3- 106
IRON COMPOUNDS
-- HYDROFERROCYANIC ACID
2- 234
-- IRON ACETYLACETONATE COMPLEXES
3-1210
-- IRON CHLORIDES
3-1352
ISATIN OXIME
-- ANALYTICAL REAGENT FOR U
1-1968
ISOAMYL ALCOHOL
-- SOLUBILITY OF THORIUM NITRATE IN
1- 258
ISOBUTYL METHYL KETONE
SEE PENTANONE 2 4-METHYL
ISOPROPYL ETHER
SEE ETHER ISOPROPYL

ISOTOPES
SEE ALSO SPECIFIC ISOTOPES LISTED BY
MASS NUMBER UNDER SPECIFIC ELEMENTS
SUCH AS CARBON C-14 ETC
-- ABUNDANCE AND DISTRIBUTION
1- 138 1- 471 1-1165 1-1376 1-1755
1-1839 1-1840 2- 15 2- 16 2- 155
2- 390 2- 497 2- 499 2- 500 2- 921
2- 922 2-1214 2-1215 2-1376 2-1579
2-1954 2-1956 2-1978 3- 150 3-1682
3-1957
-- ANALYSIS
1- 54 1- 275 1- 278 1- 462 1- 471
2-1333 2-1334 2-1646 2-1647 2-1579
2-1731 3-1099 3-1447 3-2229
-- AVAILABILITY
1- 361 1- 362 1- 644 1- 672 1- 780
1- 959 1-1717 1-1837 1-1946 2- 148
2- 152 3- 136 3- 386
-- BIOLOGICAL EFFECTS
1- 19 1- 35 1- 254 1- 404 1-1116
1-1761 1-1763 3- 540 3- 541 3-1174
3-1634
-- CROSS SECTION GAMMA
1-1483 2- 530 2- 535
-- DIAGNOSTIC USES
1-1199 2- 570 3-2052 3-2108
-- DOSAGE DETERMINATIONS
2- 645 2-1280 2-1795 3- 41 3-1044
-- HANDLING AND TRANSPORTATION
1- 111 1- 278 1- 781 2- 488 2-2112
2-2224 3- 26 3-2224
-- METABOLISM AND TOXICOLOGY
1- 416 1- 424 1-1116 2-1181
-- PRODUCTION
1- 111 1- 170 1- 228 1- 343 1- 369
1- 469 1- 470 1- 472 1- 557 1- 600
1- 959 1-1007 1-1008 1-1014 1-1016
1-1348 1-1495 1-1837 2- 501 2- 755
2- 758 2-1118 2-1334 2-1809 2-1955
-- PROPERTIES CHEMICAL
2- 919 3-2225
-- PROPERTIES NUCLEAR
1- 138 1- 152 1- 170 1- 468 1- 652
1- 803 1- 809 1-1165 1-1298 1-1659
1-1704 1-1837 1-1838 1-1857 1-1915
2- 341 2- 782 2- 822 2- 923 2- 937
2- 949 2- 994 2-1092 2-1215 2-1232
2-1246 2-1312 2-1818 2-1976 2-2159
3- 387 3- 404 3- 407 3- 781 3-1714
3-1722 3-2250 3-2267 3-2273 3-2324
-- PROPERTIES PHYSICAL
1- 179 1- 468
-- RADIOAUTOGRAPHIC USES
1- 335 1- 337 1- 339 1- 549 1- 550
1- 864 1-1968 2- 304 2-1002 2-2053
3-1646
-- SEPARATION METHODS
1-1348 2- 501 2- 927 3-1089

ISOTOPES
-- SPECTRA
1- 799 2- 560
-- STANDARDIZATION OF
3-1447
-- STRUCTURE ATOMIC
1- 499
-- TABLES
1- 465 1- 543 1-1277 1-1838 2- 228
2-1215
-- THERAPEUTIC USES
1- 342 1- 343 1- 347 1- 349 1- 370
1- 371 1- 378 1- 468 1- 472 1- 473
1- 553 1- 554 1- 557 1- 559 1- 701
1- 844 1- 864 1-1278 1-1331 1-1495
1-1741 2- 341 2- 345 2- 644 2- 645
2- 856 2- 858 2- 866 2- 873 2- 881
2-1156 2-1280 2-1446 2-1452 2-2053
2-2214 3- 572 3- 924 3-1859 3-2052
3-2107 3-2108
-- TRACER APPLICATIONS
1- 276 1- 342 1- 343 1- 361 1- 362
1- 364 1- 365 1- 366 1- 370 1- 371
1- 381 1- 386 1- 468 1- 472 1- 557
1- 559 1- 570 1- 571 1- 572 1- 578
1- 579 1- 583 1- 672 1- 701 1- 716
1- 830 1- 844 1- 864 1- 865 1- 872
1- 965 1-1051 1-1053 1-1278 1-1331
1-1348 1-1352 1-1356 1-1511 1-1741
2- 334 2- 341 2- 345 2- 347 2- 349
2- 642 2- 644 2- 670 2- 671 2- 672
2- 675 2- 755 2- 758 2- 797 2- 866
2- 872 2- 873 2- 880 2- 881 2- 885
2- 886 2- 887 2- 956 2-1030 2-1097
2-1154 2-1156 2-1174 2-1181 2-1241
2-1452 2-1503 2-1728 2-1731 2-1733
2-1734 2-1735 2-1955 2-2053 2-2055
2-2057 2-2238 3- 103 3- 328 3- 329
3- 330 3- 331 3- 498 3- 572 3- 618
3- 671 3- 673 3- 687 3- 688 3- 948
3-1189 3-1785 3-1802 3-1867 3-2052
-- USES IN SYNTHESES
2- 501 2- 723 3-1802
ISOTOPES SEPARATION METHODS
SEE ALSO DIFFUSION PHENOMENA
SEE ALSO SUBHEAD ISOTOPIC SEPARATION
UNDER SPECIFIC ISOTOPES
-- CENTRIFUGAL
1- 478
-- ELECTROLYTIC
1- 116 1- 474 1- 960 1-1135 1-1378
2- 153 2- 154 2- 760 2- 924 2- 925
-- ELECTROMAGNETIC
1- 476 1- 478 1-1041 1-1282 1-1283
1-1644 1-1714 1-1864 2- 156 3- 139
3- 501 3-2226
-- EXCHANGE
1- 63 1- 113 1- 474 1- 475 1-1280
1-1281 2- 354 2- 502 2-1159 2-1160
2-1798
-- GASEOUS DIFFUSION
1-1378 2-1797 3- 501
-- THERMAL DIFFUSION
1- 478 1-1134 1-1280 1-1607 1-1660
2-1580 3- 390 3-1250

KETOSTEROIDS
-- EFFECTS OF RADIATION ON EXCRETION OF
2-1444
KIDNEY DISEASES
-- RADIATION THERAPY
3- 233 3- 570
KILNS
-- DESIGN AND CONSTRUCTION
2-1515
KINETIC THEORY
SEE SUBHEAD EQUATIONS OF STATE UNDER
GASES
KRYPTON
-- ANALYSIS
1- 115 2- 503
-- BIBLIOGRAPHY FOR
3-1652
-- PROPERTIES CHEMICAL
2- 78
-- PROPERTIES PHYSICAL
2-1261
-- SPECTRA
2-1851
KRYPTON ISOTOPES
-- PROPERTIES NUCLEAR
1- 114 1- 117
KRYPTON KR-77
-- FORMATION OF
1-1482
-- PROPERTIES NUCLEAR
1-1482
KRYPTON KR-79
-- FORMATION OF
1-1482
-- PROPERTIES NUCLEAR
1-1482
KRYPTON KR-85
-- FORMATION OF
1-1482
KRYPTON KR-85
-- PROPERTIES NUCLEAR
3-1315
KRYPTON KR-87
-- CROSS SECTION NEUTRON
2-1964
-- PROPERTIES NUCLEAR
2- 533 3-1315
KRYPTON KR-88
-- PROPERTIES NUCLEAR
3-1315
KURIE PLOTS
1- 797 2- 216 2-1246
KYNURENIC ACID
-- METABOLISM OF
1- 372 2-2048
KYNURENINE
-- METABOLISM OF
1- 372 2-2048

LABORATORIES RADIOCHEMICAL
-- DESIGN AND EQUIPMENT
1- 120 1- 121 1- 479 1- 961 1-1418
1-1440 2- 314 2- 316 2- 393 2-1016
2-1053 2-1075 2-1264 2-1265 2-1286
2-1287 2-1288 2-1289 2-1290 2-1291
2-1450 2-1451 2-1469 2-1524 2-1525
2-1526 2-1722 2-1759 2-2224 2-2225
3- 786 3- 913 3- 933 3- 953 3-1631
3-2090 3-2091 3-2121 3-2122 3-2126
-- MATERIALS OF CONSTRUCTION
3-1654
LABORATORY ANIMALS
SEE ALSO ANIMALS AND SPECIFIC
ANIMALS SUCH AS CATS DOGS ETC
-- CARE AND TREATMENT
1- 253 3- 526
LABORATORY EQUIPMENT
-- ANALYTICAL BALANCES
2-2117 3- 385
-- BLOOD PRESSURE RECORDER
3-1048
-- CERAMICS TESTING MACHINES
2-1514
-- COLLODION FILM SCREEN DEVICE
3- 749
-- CRYSTAL GROWING APPARATUS
1-1106
-- FILTRATION APPARATUS
2- 139 2-1329 3-1669
-- FLOWMETERS
3-1384
-- FLUXMETERS
3-1123
-- GALVANOMETERS
3-1124
-- GAS PERMEABILITY APPARATUS
3- 662
-- HOODS
1-1826
-- INDUCTION FURNACES AND HEATERS
2-1336 2-1592
-- ION VELOCITY ANALYZER
3-1703
-- KILNS
2-1515
-- LIQUID EXTRACTORS
3- 131
-- MECHANICAL STIRRERS
1- 947 2- 143
-- MICROBURETS
2- 144
-- MICROSCOPE HOT STAGES
2- 146
-- NEUTRAL PARTICLE FOCUSSING DEVICE
3-1245
-- PH METERS
3-1125
-- RADIATION SHIELDS
2-1451
-- RADIOBIOLOGICAL SYNTHESIS APPARATUS
3- 215
-- REMOTE CONTROL APPARATUS
3- 748 3- 953 3-1089 3-1177 3-1244
-- SAMPLING DEVICE
3-1195 3-1655
-- URANIUM METAL DISSOLVER
2-1923
-- VACUUM FURNACES
3- 756 3-2124
-- X-RAY DOSAGE DEVICE
2-1511
-- X-RAY MACHINES
3- 755
LANTHANUM
-- ANALYSIS
1- 202 1-1335 1-1939 2-1702 2-1704
2-1708 2-1709
-- IONIZATION OF
1-1911 1-1963 2-1849
-- METABOLISM AND TOXICOLOGY
1- 43 2-1181
-- PRODUCTION
1-1623

LANTHANUM
-- PROPERTIES PHYSICAL
1- 855
-- SEPARATION METHODS
1- 331 2-1447
-- SPECTRA
1-1938
LANTHANUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 704
-- PROPERTIES NUCLEAR
1- 854 1-1715
-- TRACER APPLICATIONS
1- 43
-- USES IN SYNTHESES
1- 60
LANTHANUM LA 135
-- PROPERTIES NUCLEAR
1- 703 1-1042
LANTHANUM LA 136
-- PROPERTIES NUCLEAR
1- 703
LANTHANUM LA 137
-- FORMATION OF
2-1617
-- PROPERTIES NUCLEAR
1- 703 1-1042 1-1203
LANTHANUM LA 138
-- PROPERTIES NUCLEAR
2-1617
LANTHANUM LA 139
-- PROPERTIES NUCLEAR
1-1042 1-1928 3-1720
-- RADIATION ABSORPTION BY
3-1720
LANTHANUM LA-140
-- BIOLOGICAL EFFECTS
1- 38
-- CROSS SECTION NEUTRON
1- 975 2-2137
-- FORMATION OF
2-1665
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
1- 331 2-1663 2-1664 2-1673
-- RADIOGRAPHIC USES
1-1328
LANTHANUM LA 143
-- PROPERTIES NUCLEAR
2-1666 2-1878
LANTHANUM COLLOIDS
-- PREPARATION
2-1659
LANTHANUM COMPOUNDS
-- LANTHANATE POTASSIUM FLUO-
1- 762 1- 763
-- LANTHANATE SODIUM FLUO-
1- 762
-- LANTHANUM ACETYLACETONATE
1-1716
-- LANTHANUM BROMIDE
1- 588
-- LANTHANUM CHLORIDE
1- 588
-- LANTHANUM DEUTERIDE
3- 308
-- LANTHANUM FERRICYANIDE
2- 650
-- LANTHANUM FLUORIDE
1- 590 2-1893 3-2144
-- LANTHANUM HYDRIDE
3- 308
-- LANTHANUM HYDROXIDE
1- 588 1-1335
-- LANTHANUM OXIDE
1-1335
-- LANTHANUM OXINATE
1-1335
-- LANTHANUM OXYSULFIDE
1- 723 3- 666
-- LANTHANUM PERCHLORATE
1-1938
-- LANTHANUM PHOSPHATES
1- 705 1-1712
-- LANTHANUM SULFIDE
3- 665
LARVAE
SEE EGGS AND LARVAE
LARYNX DISEASES
-- RADIATION THERAPY
3- 234 3- 256 3- 578 3-1065 3-1074
3-1528 3-1531
LEAD
-- ANALYSIS
1-1254 1-1968 2- 59 3- 82 3- 279
3- 280 3-1086
-- CROSS SECTION GAMMA
2-1166
-- CROSS SECTION NEUTRON
1- 140 1- 979 2- 527 2- 777 2-1596
2-2143 3- 764 3-1392 3-1712 3-2236
-- DIFFUSION IN MINERALS
2-1959
-- EFFECTS OF RADIATION ON
1- 997
LEAD
-- ELECTRON EMISSION FROM
3-1458
-- FISSION OF
2-1975 3-1726
-- METABOLISM AND TOXICOLOGY
3-1056
-- PRODUCTION
1-1629
-- PROPERTIES NUCLEAR
2- 646 3- 768 3-1712
-- RADIATION ABSORPTION BY
1- 5 1- 73 1- 79 1- 440 1- 441
1- 442 1- 443 1- 728 1- 766 1- 886
1- 931 1-1105 1-1107 1-1374 1-1400
1-1401 1-1562 1-1564 1-1565 1-1566
1-1567 1-1568 1-1799 2- 3 2- 106
2- 111 2- 114 2- 375 2- 378 2- 379
2- 740 2- 742 2- 743 2- 915 2-1165
2-1166 2-1188 2-1200 2-1202 2-1239
2-1363 2-1365 2-1550 2-1558 2-1567
2-1769 2-1908 2-1909 2-1910 2-1911
2-1912 2-1913 2-1914 2-2096 2-2102
3- 124 3- 126 3- 539 3- 710 3- 740
3- 745 3- 971 3- 973 3- 979 3-1218
3-1237 3-1377 3-1453 3-1600 3-2206
-- RADIATION SCATTERING BY
1- 140 1-1523 2-1973 3-1951
-- STRUCTURE CRYSTAL
3-1950
LEAD ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 481 2-1791 2-2073 2-2123
-- PROPERTIES NUCLEAR
2-1383 3-2249
LEAD PB-204
-- FISSION OF
3-1726
LEAD PB-207
-- PROPERTIES NUCLEAR
3-1397 3-1719
LEAD PB-208
-- FISSION OF
3-1726
LEAD PB-209
-- PROPERTIES NUCLEAR
1-1316 3-1712
LEAD PB-210
-- PROPERTIES NUCLEAR
1- 330 1-1189 2- 967 2-1132 3-1989
-- THERAPEUTIC USES
3- 48
LEAD PB-212
-- PROPERTIES NUCLEAR
2- 550 2-1132 2-1440
LEAD PB-214
-- PROPERTIES NUCLEAR
2- 623 3-1472 3-1595
LEAD ALLOYS
-- PROPERTIES PHYSICAL
2-1588
LEAD COMPOUNDS
-- LEAD CHLORIDE
1-1586
-- LEAD CHLORIDE FLUORIDE
1-1784
-- LEAD NITRATE
2-1401 3-1653
-- LEAD PHOSPHATES
2-2210
-- LEAD SULFATE
3-1653
-- TETRAETHYLLEAD
1-1254
LEAD ORES
-- RADIOACTIVITY IN
3-1912
LEAK DETECTION
SEE SUBHEAD LEAK DETECTION UNDER
VACUUM SYSTEMS
LECTURES
-- HEAT TRANSFER
3-1898
LEUCINE
-- METABOLISM OF
3-2071
LEUCYL ASPARAGINE
SEE ASPARAGINE LEUCYL
LEUKEMIA
SEE BLOOD DISEASES
LEUKOCYTES
SEE BLOOD CELLS AND BLOOD SYSTEM
LIGHT
-- VELOCITY OF
2-1432
LINOLEIC ACID
-- DETERMINATION OF STRUCTURE
3-1085
LINOLENIC ACID
-- DETERMINATION OF STRUCTURE
3-1085
LINEAR ACCELERATORS
SEE ACCELERATORS PARTICLE

LIP DISEASES
-- RADIATION THERAPY
3- 928
LIPIDS
SEE ALSO CARBOHYDRATES AND PROTEINS
SPECIFIC LIPIDS ARE ALSO LISTED INDIVIDUALLY
-- FATTY ACIDS
3-1084
-- GLYCEROL TRILAURATE
3-2061
-- GLYCEROL TRIPALMITATE
2- 678 2-2050
-- GLYCEROL TRISTEARATE
3- 969
-- GLYCINE INCORPORATION IN
2-2230
-- PHOSPHOLIPIDS
1- 168 1- 573 1- 581 1-1062 2- 339
2- 406 2-1151 2-1463
-- SYNTHESIS OF LABELED
3-2072
LIQUID EXTRACTORS
-- CONSTRUCTION AND OPERATION
3- 131
LIQUID LEVEL GAUGES
SEE GAUGES
LITHIUM
-- CROSS SECTION NEUTRON
1-1636 2- 777
-- PRODUCTION
1-1850 2- 764 3- 343
-- PROPERTIES CHEMICAL
2- 74
-- PROPERTIES NUCLEAR
1- 5 1- 329 1- 838 1-1702 2-1264
2-2153 3-1140 3-1255 3-2259 3-2274
-- RADIATION ABSORPTION BY
2-1165 3- 986
-- SPECTRA
1-1725
-- STRUCTURE CRYSTAL
2- 467
LITHIUM ISOTOPES
-- SEPARATION METHODS
2- 153 2- 154
LITHIUM LI-6
-- ABSORPTION
2- 383
-- FORMATION OF
3- 155
-- PROPERTIES NUCLEAR
1- 520 1- 693 1- 815 1- 884 1-1441
1-1487 1-1863 2- 291 2-1392 2-1600
2-1611 2-1618 2-1968 3-1608 3-1967
3-2258 3-2266 3-2276 3-2294
-- RADIATION DETECTION USES
3-2294
-- SPECTRA
1-1732
LITHIUM LI-7
-- CROSS SECTION NEUTRON
1-1636
-- CROSS SECTION PROTON
1-1015
-- FORMATION OF
1- 4 1-1929 2-1135 2-2196 3- 698
3-1741 3-1968 3-2294
-- PROPERTIES NUCLEAR
1- 295 2- 520 2- 613 2- 884 2- 987
1-1863 2- 291 2- 566 2- 629 2- 993
2-1094 2-1135 2-1392 2-1404 2-1497
2-1611 2-1803 2-1972 3- 399 3- 794
3- 695 3- 898 3-1163 3-1262 3-1270
3-1272 3-1276 3-1403 3-1417 3-1586
3-1608 3-1741 3-1968 3-2258 3-2266
3-2294 3-2327
-- SPECTRA
1-1732
LITHIUM LI-8
-- FORMATION OF
1-1013
-- PROPERTIES NUCLEAR
1- 167 2- 622 3-2258
LITHIUM ALLOYS
-- PRODUCTION
2- 764
-- PROPERTIES CHEMICAL
1-1284
LITHIUM COMPOUNDS
-- LITHIUM ALUMINUM HYDRIDE
3- 294
-- LITHIUM BOROHYDRIDE
1- 756 2- 678
-- LITHIUM BROMIDE
3- 849
-- LITHIUM CHLORIDE
3-1150
-- LITHIUM CHLOROGALLATES
3-1201
-- LITHIUM FLUORIDE
2- 121 3- 776 3-2308
-- LITHIUM HYDRIDE
1- 598 3-2119
-- LITHIUM METABORATE
3-1255
LITHIUM COMPOUNDS
-- LITHIUM OXIDE
1-1545
-- LITHIUM PHOSPHATES
1-1850
-- LITHIUM SULFATE
1-1850
-- PRODUCTION
3- 343
LITHIUM ORES
-- OCCURRENCE
2- 770
LIVER
-- EFFECTS OF PLUTONIUM COMPOUNDS ON
2-2083 3-1047
-- EFFECTS OF RADIATION ON
2- 403
-- EFFECTS OF URANIUM COMPOUNDS ON
2- 406
-- EFFECTS OF YTTRIUM COMPOUNDS ON
3-1047
-- METABOLISM OF CARBOHYDRATES IN
3-1190
-- METABOLISM OF COPPER IN
2-1153
-- METABOLISM OF GLYCINE IN
2-1652 3-1324
-- METABOLISM OF GLYCOGEN IN
2-1459 2-1460 2-1462
-- METABOLISM OF PHOSPHOLIPIDS IN
2- 339 2-1151 2-1463
-- METABOLISM OF SERINE IN
3-1324
LUBRICANTS FLUOROCARBON
SEE SUBHEADS FLUOROCARBONS AND HALOCARBONS UNDER FLUORINE COMPOUNDS
-- FOR STOPCOCKS
3-2125
LUNG DISEASES
SEE ALSO DUST HAZARDS
-- RADIATION THERAPY
2- 861 2-1844 3-1064 3-2104
-- RADIOISOTOPES THERAPY
3- 935
LUNGS
-- EFFECTS OF AIR BLASTS ON
3-1318
-- EFFECTS OF BERYLLIUM COMPOUNDS ON
1- 421 1-1537 1-1538 1-1539 1-1541
2- 45 2- 46 2- 48 2- 750 2- 751
2-1330 2-1512 2-1793 3- 210 3- 212
3- 219 3- 905 3-2043 3-2046
-- EFFECTS OF FISSION PRODUCTS ON
3-1178
-- EFFECTS OF GRAPHITE ON
1- 267
-- EFFECTS OF PLUTONIUM COMPOUNDS ON
3-1178
-- EFFECTS OF URANIUM COMPOUNDS ON
3-1178
-- RETENTION OF RADIOACTIVE DUSTS
3-1625
LUTECIUM
-- PROPERTIES NUCLEAR
2- 992
LUTECIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-1935
-- PROPERTIES NUCLEAR
2- 638
LUTECIUM LU-170
-- PROPERTIES NUCLEAR
1-1277
LUTECIUM LU-171
-- PROPERTIES NUCLEAR
1-1277
LUTECIUM LU-172
-- PROPERTIES NUCLEAR
1-1277
LUTECIUM LU-177
-- PROPERTIES NUCLEAR
3- 494 3-2338
LYMPH
-- EFFECTS OF RADIATION ON
3-1040
LYMPH DISEASES
SEE ALSO BLOOD DISEASES
-- RADIATION THERAPY
3- 34 3- 51 3- 533 3-1532
-- RADIOISOTOPES THERAPY
1- 348 1- 352 1- 700 2- 858 3- 571
LYMPH SYSTEM
SEE ALSO BLOOD SYSTEM
-- EFFECTS OF PLUTONIUM COMPOUNDS ON
1- 42
-- EFFECTS OF RADIATION ON
1- 13 1- 24 1- 613 1-1179 1-1237
1-1241 1-1243 1-1528 1-1530 2- 25
2- 28 2- 32 2- 395 2- 398 2-1320
2-1443 2-1869 2-2077
-- EFFECTS OF RADIOISOTOPES ON
1- 15
-- EFFECTS OF URANIUM COMPOUNDS ON
1- 13

LYSINE
-- ANALYSIS
3- 631
-- METABOLISM OF
1- 367 2-1019 2-1020 3- 606 3-1797 3-1798
-- SYNTHESIS OF LABELED
1- 759
LYSOZYME
-- INHIBITION BY RADIATION
2- 23

MAGNESIUM
-- ANALYSIS
1- 429 1- 752
-- CROSS SECTION ALPHA
1- 288
-- CROSS SECTION NEUTRON
1-1631 2- 777 2-1393
-- PRODUCTION
1- 123 1- 281
-- PROPERTIES CHEMICAL
1- 757 2- 74
-- PROPERTIES METALLURGICAL
3- 345 3- 346 3- 347 3- 348
-- PROPERTIES NUCLEAR
1- 329 2- 8 2- 846 3- 994 3-2024 3-2274
-- RADIATION ABSORPTION BY
2- 90 2-2107
-- RADIATION SCATTERING BY
1-1523 3- 714
-- REDUCTION PROCESSES WITH
3-1905
-- SEPARATION METHODS
3-1664
MAGNESIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 149
-- PROPERTIES NUCLEAR
1-1700
MAGNESIUM MG 24
-- CROSS SECTION DEUTERON
1- 812
-- PROPERTIES NUCLEAR
1- 814 1-1524 2- 1 2- 14 2-1404 2-1499 3- 791 3-1316 3-1664 3-1708
MAGNESIUM MG 25
-- PROPERTIES NUCLEAR
1- 295 1- 814 1-1894 2-1404 2-1620 3- 791
MAGNESIUM MG 26
-- CROSS SECTION DEUTERON
1- 812
-- PROPERTIES NUCLEAR
1- 295 1- 814 2-1404 3- 791
MAGNESIUM MG 27
-- PROPERTIES NUCLEAR
1-1034
MAGNESIUM ALLOYS
-- PRODUCTION
2- 164
-- PROPERTIES
1- 970
MAGNESIUM COMPOUNDS
-- MAGNESIUM ACETATE
1- 755
-- MAGNESIUM ACETYLACETONATE COMPLEXES
3-1210
-- MAGNESIUM FLUORIDE
1-1773 1-1793
-- MAGNESIUM HYDRIDE
2- 77
-- MAGNESIUM OXIDE
1- 448 1-1545 1-1547 1-1773 1-1780 2- 54 2-1516 3- 964 3-1902
-- MAGNESIUM TITANATES
1-1778 1-1948
-- MAGNESIUM TUNGSTATE
2-1422 3- 160
-- MAGNESIUM URANATES
3-1100
MAGNET COILS
-- CONSTRUCTION AND OPERATION
3- 982
MAGNETIC FIELDS
SEE ALSO ELECTROMAGNETIC FIELDS
-- EFFECTS ON INSTRUMENTS
2- 917
-- EFFECTS ON IONIZED GASES
3- 157
-- MEASUREMENT OF
2- 495 3- 754 3-1123 3-1382
-- METHODS OF VIEWING
2- 754
-- OF PARTICLE ACCELERATORS
2- 951 2-1815
-- PARTICLE MOTION IN
1- 309 1-1137 1-1138 2- 828 2-1078 2-1251 3-1233 3-1408 3-1480 3-1780 3-2350
-- PRODUCTION OF
2- 789 2- 802 3- 982 3-1567
-- REGULATION OF
1- 777

MAGNETISM
-- THEORY OF
1-1471 2- 792 2-1118 3-1215
MAGNETS
SEE ALSO ACCELERATORS PARTICLE
-- COOLING SYSTEM FOR
3-1928
-- DESIGN AND CONSTRUCTION
2- 789 2-1548 3-1382 3-1735
-- FOR PARTICLE ACCELERATORS
1-1660 1-1661 2- 242 2- 244 2- 575 2- 581 2-1621 3- 798 3-1145 3-1281
-- FOR SPECTROMETERS
1- 785 1-1598 3-1928
MAIZE
SEE PLANTS
MALEIC ANHYDRIDE
-- DETERMINATION OF STRUCTURE
3-1085
MALIC ACID
-- DEGRADATION OF
1- 618
-- METABOLISM OF
3-1052
MALONIC ACID
-- DECARBOXYLATION OF
1-1213 2- 920 3- 94
MALONONITRILE
-- SYNTHESIS OF LABELED
2-1764
MAMMARY GLANDS
-- EFFECTS OF RADIATION ON
2- 399
-- METABOLISM OF IODINE IN
3-1801
MANDELIC ACID
-- REAGENT FOR ZR ANALYSIS
1-1788
-- SYNTHESIS OF LABELED
1- 373

MANGANESE
-- ANALYSIS
1- 429 1-1394 2-1491 3-2128
-- CROSS SECTION NEUTRON
2- 525 2-1085
-- EFFECT ON BERYLLIUM TOXICOLOGY
3-1792
-- METABOLISM AND TOXICOLOGY
2- 879
-- OXIDATION AND REDUCTION STATES
1-1101
-- PRODUCTION
1-1623
-- PROPERTIES METALLURGICAL
2- 158
-- RADIATION ABSORPTION BY
3- 986
-- SEPARATION METHODS
3-1662

MANGANESE ISOTOPES
-- FORMATION OF
1- 470
-- TRACER APPLICATIONS
1- 387 1-1059 2- 879
MANGANESE MN 52
-- FORMATION OF
3- 154
-- PROPERTIES NUCLEAR
1- 225 3- 892
-- THERAPEUTIC USES
3- 583
MANGANESE MN 54
-- FORMATION OF
3-1662
-- THERAPEUTIC USES
3- 571
MANGANESE MN 55
-- PROPERTIES NUCLEAR
2-1972 3-1397 3-2256
MANGANESE MN 56
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- FORMATION OF
3- 154

MANGANESE ALLOYS
-- ANALYSIS
3-2128
-- PRODUCTION
2- 512
-- PROPERTIES
2- 512
-- STRUCTURE CRYSTAL
2-2128 3- 108 3-2177
MANGANESE COMPOUNDS
-- MANGANESE FLUORIDE
2- 525 2-1807 3-1130
-- MANGANESE OXIDES
1-1101 1-1546 2- 357 2-1807 3- 848 3-1130
-- MANGANESE SULFATE
1-1260 2- 525 2-1807
MANNOSE
-- SYNTHESIS OF LABELED
2-2093 3-1202

MANUALS
-- URANIUM PROSPECTING
3-1910
MANURE
-- SYNTHESIS OF LABELED
3-1634
MASS SPECTROGRAPHY
SEE ALSO SPECTROGRAPHY
-- GAS ANALYSIS USING
3- 758
-- ISOTOPES ANALYSIS USING
1- 264 1- 466 1- 467 1- 471 1- 476
1- 706 1- 963 1- 982 1-1041 1-1282
1-1585 1-1595 1-1611 1-1714 1-1841
2- 147 2- 149 2- 150 2- 151 2- 155
2- 503 2-1077 2-1148 2-1212 2-1214
2-1271 2-1377 2-1402 2-1411 2-1581
3- 135 3- 315 3- 684 3-1333 3-1693
3-1935 3-1936 3-2229 3-2231
-- TECHNIQUES AND METHODS
1- 50 1- 782 1- 783 1-1609 2- 506
2- 508 2- 927 3-1570 3-1572 3-2232
MASS SPECTROMETERS
SEE ALSO SPECTROMETERS
-- AUXILIARIES
1- 785 1-1609 1-1842 2- 504 2- 505
2- 508 2- 926 2-1377 3-1704 3-1705
-- CONSTRUCTION AND OPERATION
1- 54 1- 458 1- 462 1- 786 1- 787
1-1138 1-1139 1-1283 1-1419 1-1605
1-1610 1-1660 1-1834 1-1841 1-1864
2- 155 2- 156 2- 510 2-1078 2-1581
3- 140 3- 141 3- 391 3- 758 3-1251
3-2229 3-2230 3-2231
-- GAMMA RAY DETECTION WITH
2-1627
-- LEAK DETECTION WITH
1- 110 2-1496
MASURIUM
SEE TECHNETIUM
MATHEMATICS
2- 248 2- 268 2-1217 2-1218 2-1219
2-1220 3- 415 3- 421 3-1390 3-1939
3-1963 3-2234
MEASURING STANDARDS
2- 795
MECHANICAL STIRRERS
-- DESIGN AND CONSTRUCTION
2- 143
MECHANICS
SEE CLASSICAL MECHANICS QUANTUM MECHANICS AND STATISTICAL MECHANICS
MELTING POINT DETERMINATIONS
2- 146
MERCURY
-- ANALYSIS
1-1204 1-1968
-- CROSS SECTION NEUTRON
1- 979 3-1575
-- FISSION OF
2-1975
-- METABOLISM AND TOXICOLOGY
1- 906 3- 68 3-1056 3-1061
-- PRODUCTION
1-1629
-- PROPERTIES NUCLEAR
2- 233
-- RADIATION ABSORPTION BY
2-1200 3- 986
-- RADIATION SCATTERING BY
1-1523
-- SEPARATION METHODS
2-1468
-- SPECTRA
3-1340 3-1566
-- STRUCTURE ATOMIC
1- 182

MERCURY ISOTOPES
-- ABUNDANCE AND DISTRIBUTIONS
3-2220
-- FORMATION OF
1- 470
-- PROPERTIES NUCLEAR
3-1751 3-2253
-- SEPARATION METHODS
3-1340 3-2226
-- SPECTRA
2-1292
-- TRACER APPLICATIONS
3-1081
MERCURY HG-198
-- PROPERTIES NUCLEAR
3-1316
MERCURY HG-199
-- PROPERTIES NUCLEAR
3-1249
MERCURY HG-200
-- PROPERTIES NUCLEAR
3-1249
MERCURY HG-201
-- PROPERTIES NUCLEAR
3-1397
MERCURY HG-202
-- SPECTRA
3-1541
MERCURY HG-203
-- PROPERTIES NUCLEAR
1- 688 1-1474 2-1131
-- TRACER APPLICATIONS
2-1468 3- 68
MERCURY COMPOUNDS
-- MERCURY CHLORIDE
1- 906
-- MERCURY CYANIDE
1-1586
-- MERCURY SULFIDES
3- 648
MESON FIELD THEORY
SEE ALSO ELECTROMAGNETIC FIELD THEORY AND COLLISION THEORY
SEE ALSO SUBHEADING INTERACTION UNDER NUCLEAR PARTICLES AND SUBHEADING INTERACTION WITH PARTICLES UNDER SPECIFIC PARTICLES
1- 297 1- 808 1-1004 1-1158 1-1682
1-1685 1-1592 1-1886 2- 260 2- 262
2- 266 2- 267 2- 387 2- 442 2- 534
2- 610 2- 735 2- 744 2- 775 2-1049
2-1089 2-1119 2-1168 2-1258 2-1400
2-1552 2-2136 2-2181 2-2185 3- 166
3- 169 3- 484 3- 855 3- 864 3- 987
3-1015 3-1016 3-1021 3-1231 3-1238
3-1241 3-1258 3-1263 3-1299 3-1306
3-1370 3-1380 3-1401 3-1489 3-1491
3-1612 3-1690 3-1710 3-1775 3-1776
3-1923 3-2211 3-2341 3-2343 3-2346
3-2349 3-2355 3-2356 3-2358
MESONS
SEE ALSO COSMIC RADIATION
-- ABSORPTION
1- 73 1- 930 2- 104 2-1348 2-1562
2-2096 2-2097 2-2107 3- 121 3- 710
3-1225 3-1226
-- ACTION IN MAGNETIC FIELDS
3-1233 3-1370
-- DETECTION AND MEASUREMENT
1- 149 1- 440 1- 509 1- 930 1-1152
1-1156 1-1300 1-1302 1-1401 1-1420
1-1422 1-1643 2- 94 2- 211 2-1071
2-1107 2-1192 2-1195 2-1547 2-1778
2-1783 2-2102 3- 447 3- 717 3-1243
3-1294 3-1569 3-1699 3-1737 3-1918
-- DIFFUSION AND SCATTERING
2- 387 2- 692 3-1231 3-1241 3-1489
-- DISINTEGRATION
1- 625 1-1000 1-1001 1-1305 2- 90
2- 97 2- 98 2- 102 2- 104 2- 105
2- 106 2- 107 2- 108 2- 110 2- 112
2- 114 2- 442 2- 452 2- 457 2- 733
2- 735 2- 913 2-1195 2-1198 2-1202
2-1348 2-1350 2-1353 2-1357 2-1358
2-1361 2-1366 2-1552 2-1768 2-2045
2-2099 3- 367 3- 369 3- 729 3- 732
3- 742 3-1118 3-1223 3-1226 3-1227
3-1242 3-1306 3-1379 3-1684 3-1685
3-1690 3-1695 3-1923 3-2191 3-2205
3-2243
-- IN COSMIC RADIATION
1- 76 1- 79 1- 262 1- 297 1- 440
1- 445 1- 515 1- 625 1- 626 1- 629
1- 655 1- 761 1- 807 1- 811 1- 829
1- 930 1- 933 1- 934 1- 935 1- 984
1-1002 1-1105 1-1239 1-1300 1-1399
1-1422 1-1424 1-1562 1-1564 1-1615
1-1616 1-1843 1-1844 2- 92 2- 93
2- 95 2- 97 2- 98 2- 100 2- 101
2- 102 2- 103 2- 110 2- 111 2- 112
2- 113 2- 114 2- 116 2- 270 2- 440
2- 443 2- 453 2- 455 2- 458 2- 459
2- 737 2- 738 2- 740 2- 742 2- 743
2- 745 2- 912 2-1068 2-1070 2-1071
2-1196 2-1197 2-1200 2-1201 2-1203
2-1352 2-1355 2-1362 2-1548 2-1550
2-1551 2-1556 2-1558 2-1263 2-1565
2-1765 2-1769 2-1773 2-1777 2-1784
2-1908 3- 358 3- 360 3- 363 3- 366
3- 369 3- 718 3- 721 3- 731 3- 736
3- 738 3- 742 3- 976 3- 977 3-1118
3-1119 3-1121 3-1225 3-1228 3-1232
3-1233 3-1237 3-1243 3-1371 3-1374
3-1379 3-1381 3-1563 3-1566 3-1569
3-1922 3-1923 3-1926 3-1927 3-2188
3-2194 3-2208 3-2210 3-2211
-- INTERACTION WITH PARTICLES
1- 515 1-1313 1-1692 3-1236 3-1240
3-1298 3-1612 3-1691 3-1923 3-2031
3-2032
-- NUCLEAR POWER SOURCE
2- 99
-- NUCLEAR REACTIONS
1- 161 1- 164 1- 510 1- 655 1- 933
1- 984 1- 999 1-1401 2- 452 2- 597
2- 911 2-1191 2-1193 2-1357 2-1548
2-1554 2-1768 2-2095 2-2106 3- 364
3- 367 3- 742 3-1118 3-1231 3-1241
3-1372 3-1373 3-1691 3-1695
-- PRODUCTION ARTIFICIAL
1- 509 1- 511 1- 512 1- 514 1- 811
1-1420 1-1439 1-1618 2- 89 2- 447
2- 914 2-1198 2-1547 2-1763 2-2105
3- 719 3-1224 3-1236 3-1238 3-1239

MESONS
-- PRODUCTION ARTIFICIAL
3-1240 3-1380 3-1694
-- PROPERTIES
1- 8 1- 76 1- 172 1- 329 1- 445
1- 761 1- 807 1-1306 1-1399 1-1422
1-1439 1-1515 1-1616 1-1617 1-1660
1-1644 2- 90 2- 267 2- 444 2- 447
2- 449 2- 450 2- 454 2- 735 2- 739
2- 741 2- 744 2- 911 2-1202 2-1548
2-1560 2-1774 2-2100 2-2104 3- 129
3- 720 3- 736 3-1229 3-1238 3-1238
3-1240 3-1368 3-1372 3-1381 3-1488
3-1686 3-1777 3-1924 3-2193 3-2199
3-2205 3-2210 3-2211 3-2340
-- SPIN AND MOMENT
3- 368 3- 483 3-1306 3-1695 3-2343
-- WAVE EQUATIONS FOR
1- 686 1- 808 1-1313 1-1685 2- 387
2- 444 2- 603 2- 610 2- 826 2-1560
2-1630 3-1482 3-1775 3-2340
MESOTHORIUM I
SEE RADIUM RA 228
MESOTHORIUM II
SEE ACTINIUM AC-228
MESOTRONS
SEE MESONS
METABOLISM
SEE SUBHEAD METABOLISM STUDIES WITH ISOTOPES UNDER SPECIFIC ELEMENTS SUCH AS CARBON
SEE SUBHEAD METABOLISM AND TOXICOLOGY STUDIES UNDER ANIMALS PLANTS AND SPECIFIC ANIMALS OR PLANTS SUCH AS RATS
SEE SUBHEAD METABOLISM AND TOXICOLOGY UNDER SPECIFIC ELEMENTS SUCH AS URANIUM
SEE SUBHEAD METABOLISM OF UNDER SPECIFIC ORGANIC COMPOUNDS SUCH AS GLUCOSE
METAL COMPOUNDS
-- CARBONYLS
2-1760
METAL FOIL DETECTORS
-- BERYLLIUM
1-1878
-- COBALT
2-1415
-- PREPARATION OF
3-1560
METAL SURFACES
-- DETERMINATION OF CLEANLINESS
3- 328
METALLOGRAPHY
SEE ALSO ANALYSIS - DIFFRACTION AND SUBHEAD DIFFRACTION UNDER ELECTRONS NEUTRONS AND X-RADIATION
1- 482 1- 484 1- 487 1- 645 1- 648
1-1425 1-1490 1-1630 2- 157 2-1124
2-1211 2-1223 2-1562
METALLURGY
1-1286 1-1425 1-1426 2- 761 3-1355
METALLURGY POWDER
-- BERYLLIUM
3-1361
-- BORON
1-1141 1-1142
-- CHROMIUM
2- 158
-- GLOSSARY
1- 971
-- MAGNESIUM
3- 345 3- 346 3- 347 3- 348
-- MANGANESE
2- 158
-- MOLYBDENUM
2- 158
-- NICKEL
2- 158 2- 933
-- TANTALUM
2- 158
-- TECHNIQUES
1- 428 1-1426 1-1851 1-1853 2-1083
2-2130
-- TITANIUM
2- 158 2-1564 3-1678
-- VANADIUM
2- 158
-- ZIRCONIUM
2- 158
METALS
SEE ALSO ALLOYS PHASE SYSTEMS AND SPECIFIC METALS
-- ANALYSIS
1- 432 1-1611 2- 63 3- 76 3- 77
3- 79 3-2126 3-2130
-- ANALYSIS FOR GASES IN
1-1251 2-1336
-- CERAMIC COATINGS FOR
1-1526 1-1547 3- 693
-- CORROSION
1- 438 1- 624 1- 928 1-1556 1-1559
1-1798 2- 87 2- 730 3- 103 3- 699
3- 966
METALS
-- DEFORMATION OF
3-1561
-- DIFFUSION OF
2-1957 3-1962
-- EFFECTS OF RADIATION ON
1- 67 2-1124
-- ELECTRON EMISSION FROM
2-1627 3- 970 3- 999 3-2008
-- FOR NUCLEAR REACTORS
3- 700
-- GAS EVOLUTION FROM
3- 701
-- HYSTERESIS AND FATIGUE
2-1082
-- PLASTIC BONDING OF
1- 480 1-1141 1-1142 2- 159
-- PRODUCTION
1- 123 1-1426
-- PROPERTIES
1- 646 1- 648 1-1425 1-1907 2- 157
2-2126 3- 339 3- 697 3- 704 3-1217
-- RADIATION ABSORPTION BY
2-1562 3- 356
-- RADIATION SCATTERING BY
3- 356 3-2008 3-2012
-- SOLDERING OF
3- 341
-- STRUCTURE ATOMIC
2- 157
-- STRUCTURE CRYSTAL
1- 270 1- 282 1- 484 1- 488 1-1810
3-1561
METEORITES
-- GALLIUM AND PALLADIUM CONTENT
2-2138
-- HELIUM CONTENT
1- 934
-- ISOTOPES ABUNDANCE IN
1- 958 1-1292 2- 16
METEOROLOGY
SEE STACK METEOROLOGY
METHACRYLATE METHYL
-- PLASTIC BONDING USES
1-1141
-- PROPERTIES CHEMICAL
1- 877
METHADON
-- EFFECT ON PHOSPHORUS METABOLISM
2-1296
-- SYNTHESIS OF LABELED
1- 923
METHANE
-- COMBUSTION OF
3- 314
-- ISOTOPIC SEPARATION
1- 478
-- PROPERTIES NUCLEAR
1-1881
-- SYNTHESIS BIOLOGICAL
3- 69
-- SYNTHESIS OF LABELED
2- 437
METHANES CHLORO-
-- DIPOLE MOMENT
3- 159
-- PROPERTIES CHEMICAL
1-1264
-- SPECTRA
2- 135 2- 331 2-1724
-- THERMODYNAMICAL PROPERTIES
2- 135
METHANE MONODEUTERO
-- PROPERTIES NUCLEAR
1-1881 2-1233
-- SPECTRA
1-1211
METHANE TETRADEUTERO
-- SPECTRA
1-1211
METHANE IODO
-- PHOTOLYSIS OF
3-1366
-- SPECTRA
3-1268
-- SPECTRA HYPERFINE
3-1407
METHANE TRIPHENYL-
-- RADIATION DETECTION USES
1-1646 2- 975
METHANOL
SEE METHYL ALCOHOL
METHIONINE
-- EFFECTS OF RADIATION ON
1-1036
-- METABOLISM OF
1- 393 1- 569 2- 900 2-1465 2-1726
2-2237 3- 601 3- 621 3-1319
-- RESOLUTION OF RACEMATES
3- 647
METHYL ACETATE
SEE ACETATE METHYL
METHYL ACRYLATE
SEE ACRYLATE METHYL

METHYL ALCOHOL
-- ADSORPTION ON OXIDES
1-1906
-- NEUTRON RETARDATION BY
1- 291
-- SURFACE TENSION OF URANYL SALT SOLUTIONS
2- 366
METHYL P-AMINOPHENOL
SEE PHENOL METHYL-P-AMINO-
METHYL CHLORIDE
SEE METHANES CHLORO-
METHYLCHOLANTHRENE
SEE CHOLANTHRENE 3-METHYL
METHYL FLUORIDE
-- PROPERTIES PHYSICAL
2- 134
-- STRUCTURE MOLECULAR
2-1918
METHYLENE BROMIDE
-- QUENCHING AGENT IN GM COUNTERS
2-2170
METHYL HEXYL KETONE
SEE OCTANONE-2
METHYL ISOBUTYL KETONE
SEE PENTANONE 2 4-METHYL
METHYLNAPHTHOHYDROQUINONES
SEE NAPHTHOHYDROQUINONES METHYL-
METHYLNAPHTHOQUINONE
SEE NAPHTHOQUINONE 2 METHYL
METHYLNICOTINAMIDE
SEE NICOTINAMIDE N-METHYL-
METHYL PENTANONE
SEE PENTANONE 2 4-METHYL-
METHYLTESTOSTERONE
-- SYNTHESIS OF LABELED
2-1546
METHYLTHIOURACIL
SEE THIOURACIL METHYL-
MICA
-- RADIATION ABSORPTION BY
2- 382
MICE
-- EFFECTS OF RADIATION ON
1- 14 1- 27 1- 28 1- 31 1- 32
1- 40 1- 234 1- 322 1- 407 1- 419
1- 738 1- 740 1- 895 1-1239 1-1240
1-1243 2- 28 2- 10 2- 400 2-1056
2-1059 2-1061 2-1126 2-1319 2-1323
2-1324 2-1507 2-1511 2-1698 2-1844
2-2077 2-2078 3- 7 3- 196 3- 200
3- 202 3- 207 3- 905 3- 919 3-1036
3-1046 3-1051 3-1171 3-1318 3-1326
3-1639 3-1812 3-1813 3-1814 3-1820
3-1821 3-1823 3-1824 3-1825 3-1828
3-2086
-- METABOLISM AND TOXICOLOGY STUDIES
1- 14 1- 40 1- 420 1- 581 1- 750
1- 751 1-1216 1-1353 1-1390 1-1489
1-1736 1-1765 2- 408 2- 667 2- 669
2- 901 2-1023 2-1024 2-1178 2-1330
2-1457 2-1458 2-1726 2-1852 2-2083
2-2228 3- 74 3- 266 3- 941 3-1087
3-1171 3-1177 3-1318 3-1330 3-1625
3-1799 3-1800 3-1807 3-1815 3-1820
3-2065 3-2073
MICROBURETS
-- DESIGN AND CONSTRUCTION
2- 144
MICROPHOTOMETERS
-- CONSTRUCTION AND OPERATION
3- 214
MICROSCOPE HOT STAGES
-- DESIGN AND CONSTRUCTION
2- 146
MICROSCOPES
-- PHOTOGRAPHIC EMULSION EXAMINATION WITH
2-2171 3-1294
MICROTOMES
-- CONSTRUCTION AND OPERATION
3-1929
MICROWAVE GAS DISCHARGE COUNTERS
-- DESIGN AND CONSTRUCTION
2- 551
MICROWAVES
-- ABSORPTION
2- 945 2-1916
-- BIOLOGICAL EFFECTS
3- 904 3-1041
-- DETECTION AND MEASUREMENT
2-1930 2-1937 2-1949 2-2134 3- 393
-- DIFFUSION AND SCATTERING
3- 972
-- PRODUCTION
3- 810 3- 997
-- THERAPEUTIC USES
3-1041
-- TRANSMISSION
2-1928 2-1931 2-1933 2-1935 2-1938
2-1939 2-1940 2-1943 2-1944 2-1945
2-1948 2-1950 2-1951 2-1952 2-1953
2-2132 2-2133 2-2135
MINERAL RESOURCES
-- AUSTRALIA
3- 968
MINERAL RESOURCES
-- BRAZIL
1- 131 1- 790 1-1290
-- CANADA
1- 130 1-1144 1-1145 1-1429 1-1629
-- CZECHOSLOVAKIA
1-1287
-- FRANCE
1-1289 1-1855
-- HUNGARY
1-1630
-- SPAIN
1-1288
-- UNITED STATES
1- 972 1-1629
-- VENEZUELA
1- 127
MINERALS
SEE ORES AND MINERALS
MOLDS
SEE ALSO ALGAE FUNGI AND PLANTS
-- EFFECTS OF RADIATION ON
1- 229 3- 11
-- METABOLISM AND TOXICOLOGY STUDIES
2- 900 2-1456
MOLECULAR STRUCTURE
SEE STRUCTURE MOLECULAR
MOLECULAR WEIGHTS
-- DETERMINATION OF
3- 378
MOLYBDENUM
-- ANALYSIS
2- 66 2-1491 3- 635
-- BIBLIOGRAPHY FOR
3-1677
-- CROSS SECTION DEUTERON
2- 640
-- CROSS SECTION PROTON
2- 640
-- EFFECTS OF RADIATION ON
1- 997
-- ELECTRON EMISSION FROM
2- 787
-- PROPERTIES CHEMICAL
2- 928
-- PROPERTIES METALLURGICAL
1-1427 1-1774 2- 53 2- 158 3-1677
-- PROPERTIES NUCLEAR
1- 544 1- 834 1-1506 2- 574
-- RADIATION ABSORPTION BY
1- 728
-- STRUCTURE CRYSTAL
1-1109 1-1404 1-1584
MOLYBDENUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
-- PROPERTIES NUCLEAR
1- 305
MOLYBDENUM MO 91
-- FORMATION OF
3-1478
-- PROPERTIES NUCLEAR
3-1478
MOLYBDENUM MO-92
-- PROPERTIES NUCLEAR
2- 639 3-1397
MOLYBDENUM MO-93
-- FORMATION OF
3-1478
-- PROPERTIES NUCLEAR
3-1478
-- TRACER APPLICATIONS
1-1958
MOLYBDENUM MO-94
-- PROPERTIES NUCLEAR
1- 299 2- 640
MOLYBDENUM MO-95
-- PROPERTIES NUCLEAR
1- 299 1- 300 2- 640
MOLYBDENUM MO-96
-- PROPERTIES NUCLEAR
1- 300 2- 640
MOLYBDENUM MO-97
-- PROPERTIES NUCLEAR
1- 300 3-1397
MOLYBDENUM MO-98
-- PROPERTIES NUCLEAR
1- 299
MOLYBDENUM MO-99
-- FORMATION OF
3- 760 3-1265 3-1726
-- PROPERTIES NUCLEAR
3-1474
-- RANGES IN MATERIAL
3-1265
-- TRACER APPLICATIONS
1-1958 2- 344
MOLYBDENUM ALLOYS
-- PROPERTIES
2-2127
-- PROPERTIES CHEMICAL
3-1111
MOLYBDENUM COMPOUNDS
-- MOLYBDENUM SILICIDE
3-2143

MOMENT
SEE SUBHEAD PROPERTIES NUCLEAR UNDER SPECIFIC ELEMENTS AND ISOTOPES
SEE SUBHEAD SPIN AND MOMENT UNDER SPECIFIC PARTICULATE RADIATIONS
MONAZITE
SEE THORIUM ORES
MONKEYS
-- EFFECTS OF RADIATION ON
2-1509
-- METABOLISM AND TOXICOLOGY STUDIES
2-1512
MONOBROMOBENZENE
SEE BENZENE MONOBROMO-
MONTE CARLO METHOD
3- 415 3- 420 3- 762 3- 990
MUCOUS MEMBRANES
-- EFFECTS OF RADIATION ON
2-1128 2-1321
MUREXIDE
-- ANALYTICAL REAGENT FOR RARE EARTHS
1- 853
MUSCLES
-- METABOLISM OF IRON IN
3- 595
-- METABOLISM OF SODIUM IN
3-2063
MUTATION
SEE CHROMOSOMES EFFECTS OF RADIATION ON

NAPHTHACENE
-- ENERGY LEVELS IN
2-1453
NAPHTHALENE
-- CRYSTAL PRODUCTION
2- 212
-- ENERGY LEVELS IN
2-1453
-- LUMINESCENCE
2- 547 2- 548
-- RADIATION DETECTION USES
1- 992 1-1148 1-1700 2- 191 2- 204
2- 212 2- 960 2- 975 2-1422 2-1828
3- 161 3- 437 3- 465 3- 835 3-1449
3-1992
NAPHTHALENE ALPHA-BROMO
-- BROMINE ISOTOPES EXCHANGE
2- 348
NAPHTHAZARIN
-- ANALYTICAL USES
3- 632
NAPHTHOHYDROQUINONES METHYL-
-- THERAPEUTIC USES
2-2035
NAPHTHOQUINONE 2 BROMO-3-HYDROXY-
-- METABOLISM OF
1- 576
NAPHTHOQUINONE-2 METHYL
-- EFFECTS OF RADIATION ON
2-1262
NAPHTHYLAMINE
-- ANALYTICAL REAGENT FOR V
1-1783
NASOPHARYNX DISEASES
SEE ALSO PHARYNX
-- RADIATION THERAPY
2-2036 2-2215 3- 569 3-1060 3-1068
-- RADIOISOTOPES THERAPY
3-1850 3-2114
NAVAL VESSELS
-- NUCLEAR POWER FOR
1- 888 1-1377 2- 701 2-1173
NEMBUTAL
SEE SODIUM COMPOUNDS SODIUM PENTABARBITAL
NEO-ANTERGAN
SEE ANTIHISTAMINIC DRUGS
NEODYMIUM
-- ANALYSIS
1- 358 1-1337 2- 864 2-1703 2-1704
2-1705 2-1708 2-1709
-- IONIZATION OF
1-1849
-- PROPERTIES NUCLEAR
2-1675
-- SEPARATION METHODS
1-1713 3- 300
-- SPECTRA
1-1334 1-1938 3- 664
NEODYMIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 706 2-1015
-- FORMATION OF
2-1675 2-2220
-- PROPERTIES NUCLEAR
1- 854
NEODYMIUM ND-140
-- PROPERTIES NUCLEAR
2-1449
NEODYMIUM ND 141
-- PROPERTIES NUCLEAR
2-1449
NEODYMIUM ND 143
-- CROSS SECTION NEUTRON
2-1087
NEODYMIUM ND 147
-- PROPERTIES NUCLEAR
2-1674
NEODYMIUM ND-150
-- PROPERTIES NUCLEAR
3-1397
NEODYMIUM COMPOUNDS
-- NEODYMIUM ACETYLACETONATE
1-1716 2- 864
-- NEODYMIUM BROMATE
2-1719
-- NEODYMIUM BROMIDE
2- 864
-- NEODYMIUM CHLORIDE
1- 588 3-2152
-- NEODYMIUM HYDROXIDE
1- 588 1-1337
-- NEODYMIUM NITRATE
3-2152
-- NEODYMIUM OXALATE
1-1337
-- NEODYMIUM OXIDES
3-1096 3-2152
-- NEODYMIUM PERCHLORATE
1-1938
-- NEODYMIUM PHOSPHATES
1- 705 1-1712
-- NEODYMIUM SULFATE
2- 864 3-2152
NEON
-- ANALYSIS
2- 503
-- EFFECTS OF RADIATION ON
3- 355 3-1878
-- PROPERTIES NUCLEAR
1- 402 2- 571
-- PROPERTIES PHYSICAL
2-1261
-- RADIATION SCATTERING BY
1- 401
-- SPECTRA
2- 326 2-1851
-- STRUCTURE ATOMIC
2- 326
NEON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
NEON NE-20
-- FORMATION OF
2- 13
-- PROPERTIES NUCLEAR
2- 14 3-1402
NEON NE-22
-- FORMATION OF
3-2329
-- PROPERTIES NUCLEAR
2- 568
NEON NE-23
-- FORMATION OF
2- 568
NEOPLASTIC TISSUE
-- METHIONINE DISTRIBUTION IN
2-1726
NEOPRENE
-- STRUCTURE OF
3- 316
NEPTUNIUM
-- DISCOVERY AND NAMING
1-1513 2- 888 3- 678
-- FISSION OF
2- 351
-- METABOLISM AND TOXICOLOGY
2-1181 3- 216
-- OXIDATION AND REDUCTION STATES
1-1064 2-1161 2-1740 2-2060 3-1208
-- PROPERTIES CHEMICAL
1- 207 1- 397 1-1959 2- 351 2- 678
2-1740 2-2060
-- PROPERTIES METALLURGICAL
1-1959
-- PROPERTIES NUCLEAR
1- 193 1- 542 2- 989 2-2059
-- PROPERTIES PHYSICAL
1- 207
-- SPECTRA
1-1221 2-1301
-- STRUCTURE ATOMIC
2-1033 2-1479
NEPTUNIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1962
-- TRACER APPLICATIONS
2-2060
NEPTUNIUM NP 234
-- FORMATION OF
1-1229 2-1489 2-1614
-- PROPERTIES NUCLEAR
2-1489 2-1514
NEPTUNIUM NP 235
-- FORMATION OF
2-1489
-- PROPERTIES NUCLEAR
2-1489
NEPTUNIUM NP 236
-- FORMATION OF
2-1477 2-1489

NEPTUNIUM NP 236
-- PROPERTIES NUCLEAR
2-1489
NEPTUNIUM NP 237
-- CROSS SECTION NEUTRON
2-1476
-- FISSION OF
2-1476
-- FORMATION OF
1- 879
-- PROPERTIES NUCLEAR
1- 206 1-1064 1-1066 2- 888 2-1306
2-1477
NEPTUNIUM NP 238
-- FORMATION OF
2-1477
-- PROPERTIES NUCLEAR
3- 873
NEPTUNIUM NP 239
-- FORMATION OF
2-1470

NEPTUNIUM COMPOUNDS
-- NEPTUNIUM BROMIDES
2- 889
-- NEPTUNIUM CHLORIDES
2- 889 3-1208
-- NEPTUNIUM FLUORIDES
2- 889
-- NEPTUNIUM IODIDES
2- 889
-- NEPTUNIUM NITRIDE
3- 677
-- NEPTUNIUM OXIDES
1-1064 2- 888 2- 889
-- NEPTUNIUM OXYSULFIDE
2- 889
-- NEPTUNIUM PERCHLORATES
3-1208
-- NEPTUNIUM SILICIDES
1- 585
-- NEPTUNIUM SULFIDES
2- 889
-- NEPTUNYL ACETATE SODIUM
1-1064 2- 888 2- 889 2-1740
-- NEPTUNYL FLUORIDE
3- 677
-- SYNTHESIS OF
2- 889

NERVES
-- EFFECTS OF RADIATION ON
2- 643 2-1700
NERVOUS SYSTEM
-- METABOLISM OF PHOSPHORUS IN
3-1630
-- METABOLISM OF POTASSIUM IN
2- 668
-- METABOLISM OF SODIUM IN
3-2064
NERVOUS SYSTEM DISEASES
-- RADIATION THERAPY
3-1524
NEUROSPORA
SEE MOLDS
NEUTRINOS
-- FROM BETA DECAY
1-1375 1-1424
-- FROM FISSION PRODUCTS
1- 194
-- FROM URANIUM FISSION
1-1864
-- PROPERTIES
1- 3 1- 225 1-1113 2- 113 2- 626
2- 637 2- 850 2- 968 2- 972 2- 988
2-1228 2-1552 2-1690 3- 405 3- 890
3-1961 3-2186
NEUTRON CROSS SECTIONS
SEE ALSO SUBHEAD CROSS SECTION NEUTRON UNDER SPECIFIC ELEMENTS AND ISOTOPES
-- GRAPHS
1-1638
-- MEASUREMENT OF
1-1640 2- 166 2- 168 2- 524 2- 530
2- 777 2-1385 2-1963 2-1969 3- 767
3- 768 3- 769 3- 785 3-1253 3-1261
3-1392 3-1575 3-1949 3-1990 3-2236
-- TABLES
1- 652 1-1165 3-2242
NEUTRON WELL LOGGING
SEE PETROLEUM RADIATION LOGGING OF
NEUTRONS
SEE ALSO COSMIC RADIATION NUCLEAR PARTICLES AND RADIATION
-- ABSORPTION
1- 132 1- 977 1- 982 1-1857 2- 372
2- 530 2- 937 2- 941 2-1087 2-1601
2-1604 2-1963 2-1972 3- 776 3- 986
3- 990 3-1996 3-1954 3-2242
-- BIOLOGICAL EFFECTS
1- 17 1- 18 1- 34 1- 234 1- 243
1- 247 1- 248 1- 407 1- 408 1- 555
1- 740 1- 895 1-1239 1-1240 1-1241
2- 34 2- 402 2-1507 2-1509 2-1892
3- 2 3- 8 3- 203 3-1036
-- CHEMICAL EFFECTS
1-1086 1-1125 3-1540

NEUTRONS
-- DETECTION AND MEASUREMENT
1- 149 1- 494 1- 660 1- 769 1- 922
1- 974 1-1114 1-1132 1-1267 1-1295
1-1647 1-1650 1-1700 1-1873 2- 182
2- 197 2- 226 2- 540 2- 556 2- 812
2-1099 2-1248 2-1340 2-1364 2-1415
2-1420 2-1423 2-1801 2-1876 2-2009
3- 287 3- 400 3- 785 3- 820 3- 833
3- 849 3- 851 3-1009 3-1012 3-1050
3-1055 3-1394 3-1577 3-1711 3-1741
3-1949 3-2239 3-2290 3-2292 3-2294
3-2311
-- DIFFRACTION
1- 496 1- 617 1- 792 1- 985 1-1163
1-1262 1-1636 1-1641 3- 147 3-1944
3-1946 3-1950 3-2239 3-2254
-- DIFFUSION AND SCATTERING
1- 132 1- 133 1- 135 1- 139 1- 140
1- 142 1- 145 1- 287 1- 291 1- 507
1- 508 1- 650 1- 651 1- 656 1- 658
1- 791 1- 792 1- 793 1- 889 1- 977
1- 981 1- 985 1- 987 1-1164 1-1164
1-1166 1-1168 1-1434 1-1517 1-1633
1-1634 1-1636 1-1637 1-1639 1-1642
1-1656 1-1660 1-1661 1-1862 1-1863
1-1665 2- 170 2- 172 2- 177 2- 178
2- 372 2- 378 2- 388 2- 524 2- 525
2- 527 2- 528 2- 529 2- 532 2- 534
2- 773 2- 776 2- 781 2- 895 2- 938
2- 939 2- 940 2- 941 2-1047 2-1085
2-1086 2-1226 2-1387 2-1389 2-1390
2-1391 2-1394 2-1596 2-1597 2-1601
2-1602 2-1603 2-1605 2-1606 2-1615
2-1802 2-1805 2-1806 2-1807 2-1969
2-1973 2-2140 2-2142 3- 143 3- 146
3- 148 3- 396 3- 398 3- 401 3- 402
3- 420 3- 762 3- 773 3- 777 3- 778
3- 785 3- 986 3- 987 3- 988 3- 989
3- 990 3- 995 3-1130 3-1132 3-1133
3-1135 3-1139 3-1253 3-1254 3-1255
3-1257 3-1258 3-1264 3-1266 3-1306
3-1392 3-1393 3-1395 3-1576 3-1579
3-1706 3-1709 3-1710 3-1944 3-1945
3-1946 3-1947 3-1948 3-1951 3-1952
3-1962 3-1963 3-2031 3-2238 3-2241
3-2370
-- DOSAGE DETERMINATIONS
1- 609 1- 740 1- 974 1-1114 1-1240
1-1412 1-1519 3- 2
-- FROM ALUMINIUM ISOTOPES
1- 288
-- FROM ARGON ISOTOPES
2- 571
-- FROM BERYLLIUM ISOTOPES
1- 288 1- 329 1- 621 1- 980 1-1015
1-1276 2-1618 2-2139 3- 765 3-1560
3-2274
-- FROM BORON ISOTOPES
3-1966
-- FROM CADMIUM ISOTOPES
3-1397
-- FROM CARBON ISOTOPES
2-1618 3-1394
-- FROM COPPER ISOTOPES
3-1394
-- FROM FISSION PRODUCTS
1- 194 1- 473 1-1278 3-1707
-- FROM GOLD ISOTOPES
3-1397
-- FROM HYDROGEN ISOTOPES
2- 173 2- 536 3-1256 3-1577 3-1718
3-1970 3-2270
-- FROM INDIUM ISOTOPES
3-1418
-- FROM KRYPTON ISOTOPES
2- 533
-- FROM LEAD ISOTOPES
3-1397
-- FROM LITHIUM ISOTOPES
2-1618 2-1803 3-1163 3-1262 3-1272
3-1967
-- FROM MAGNESIUM ISOTOPES
1- 288
-- FROM MANGANESE ISOTOPES
3-1397
-- FROM MERCURY ISOTOPES
3-1397
-- FROM MOLYBDENUM ISOTOPES
3-1397
-- FROM NEODYMIUM ISOTOPES
3-1397
-- FROM NEON ISOTOPES
2- 571
-- FROM NITROGEN ISOTOPES
2- 531 2- 533 2-1971 3-2275
-- FROM OXYGEN ISOTOPES
1-1860 2-1970
-- FROM PRASEODYMIUM ISOTOPES
3-1397
-- FROM SAMARIUM ISOTOPES
3-1711
-- FROM SILVER ISOTOPES
3- 995
-- FROM SODIUM ISOTOPES
3-1708

NEUTRONS
-- FROM THALLIUM ISOTOPES
3-1397
-- FROM THORIUM FISSION
1-1864
-- FROM THORIUM ISOTOPES
3-2237
-- FROM TIN ISOTOPES
3-1397
-- FROM URANIUM FISSION
1-1864 2- 171
-- FROM URANIUM ISOTOPES
3-1711
-- FROM XENON ISOTOPES
2- 533
-- FROM ZINC ISOTOPES
3-1397
-- FROM ZIRCONIUM ISOTOPES
3-1397
-- IN COSMIC RADIATION
1- 73 1- 260 1- 302 1- 655 1- 983
1- 984 1-1566 2- 103 2- 538 2-1561
2-1566 2-1775 2-1781 3- 125 3- 357
3- 727 3-1228 3-1229 3-1376 3-1377
3-1711 3-2207
-- INTERACTION WITH PARTICLES
3-1258 3-1277 3-1947 3-2239 3-2370
-- NUCLEAR REACTIONS
1- 4 1- 114 1- 115 1- 117 1- 134
1- 168 1- 169 1- 289 1- 290 1- 302
1- 469 1- 470 1- 493 1- 497 1- 498
1- 519 1- 543 1- 692 1- 704 1- 791
1- 813 1- 834 1- 854 1- 878 1- 955
1- 976 1- 978 1- 979 1- 981 1- 988
1-1011 1-1013 1-1029 1-1034 1-1065
1-1167 1-1191 1-1203 1-1250 1-1292
1-1293 1-1294 1-1357 1-1431 1-1486
1-1631 1-1632 1-1643 1-1752 1-1758
1-1856 1-1864 1-1941 2- 20 2- 168
2- 174 2- 175 2- 176 2- 234 2- 284
2- 299 2- 351 2- 363 2- 392 2- 393
2- 432 2- 497 2- 500 2- 523 2- 535
2- 539 2- 566 2- 631 2- 774 2- 777
2- 783 2- 848 2- 936 2- 939 2- 956
2- 994 2-1000 2-1037 2-1038 2-1053
2-1074 2-1097 2-1135 2-1138 2-1145
2-1310 2-1312 2-1318 2-1388 2-1393
2-1401 2-1402 2-1441 2-1470 2-1475
2-1478 2-1540 2-1598 2-1599 2-1600
2-1607 2-1608 2-1660 2-1665 2-1675
2-1687 2-1799 2-1843 2-1866 2-1972
2-1974 2-1975 2-2020 2-2022 2-2027
2-2141 2-2146 2-2204 2-2209 2-2220
2-2241 3- 126 3- 142 3- 149 3- 190
3- 395 3- 397 3- 403 3- 759 3- 761
3- 766 3- 769 3- 770 3- 775 3- 898
3- 985 3-1013 3-1129 3-1131 3-1134
3-1136 3-1204 3-1249 3-1252 3-1253
3-1260 3-1265 3-1392 3-1399 3-1474
3-1578 3-1605 3-1712 3-1725 3-1749
3-1759 3-1954 3-1962 3-1964 3-1965
3-1968 3-1971 3-2221 3-2236 3-2246
3-2271 3-2272 3-2275 3-2276 3-2294
3-2344
-- POLARIZATION
1- 141 1- 657 1-1637 2- 172 2- 592
3-1132 3-1395 3-1947 3-1948 3-2240
-- PROPERTIES
1- 143 1- 809 1- 981 1- 986 1-1025
1-1662 2- 169 2- 296 2-1090 2-1383
2-1390 2-1616 2-2151 3- 876 3-1576
3-2255
-- REFLECTION
3-1132 3-1947
-- SLOWING DOWN
3-1393
-- SOURCES AND STANDARDS
1- 194 1- 473 1- 621 1- 980 1-1015
1-1278 1-1432 1-1433 1-1435 1-1635
1-1657 1-1873 2- 167 2- 244 2- 752
2- 948 2- 949 2- 956 2-1074 2-1193
2-1239 2-1392 2-1803 2-1804 2-1876
2-2139 3- 394 3- 399 3- 400 3- 763
3- 765 3- 771 3- 772 3- 785 3- 971
3- 986 3- 995 3-1138 3-1253 3-1259
3-1392 3-1951 3-2239
-- SPIN AND MOMENT
1- 653 1- 801 1-1633 1-1641 1-1642
1-1666 2- 537 2- 775 2-1089 2-1394
2-1428 2-2185 3- 855 3-1263 3-1943
3-2031 3-2032 3-2243
-- THERAPEUTIC USES
1- 347 1- 555 1- 560 1- 846 3-2108
-- WAVE EQUATIONS FOR
3-1264 3-1482

NIACIN
-- EFFECTS OF RADIATION ON
3- 954
-- RADIATION SICKNESS THERAPY USING
3- 915
NICKEL
-- ANALYSIS
1-1968 2-1491 3- 78 3-1197 3-1334
-- CROSS SECTION NEUTRON
1-1636 2- 526

NICKEL
-- ELECTRON EMISSION FROM
2- 787
-- PROPERTIES MAGNETIC
3-1215
-- PROPERTIES METALLURGICAL
2- 158 2- 514 2- 933
-- PROPERTIES NUCLEAR
2- 8 2-1441 2-1614 3-1611
-- PROPERTIES PHYSICAL
1- 448 2-2125
-- REFRACTORY USES
3-2175
-- SINTERING USES
2-1079
-- SPECTRA
1-1210
-- STRUCTURE ATOMIC
1-1577 1-1721
-- STRUCTURE CRYSTAL
1-1577
NICKEL ISOTOPES
-- CROSS SECTION NEUTRON
2-1385
-- PACKING FRACTIONS
2-1983
NICKEL NI 57
-- FORMATION OF
2-1617
NICKEL NI 58
-- CROSS SECTION NEUTRON
1-1636 2- 166
-- PROPERTIES NUCLEAR
2-1617 2-1972 2-1983
-- SPECTRA
1-1721
NICKEL NI 59
-- PROPERTIES NUCLEAR
1-1153 3- 889 3-1583
NICKEL NI-60
-- CROSS SECTION NEUTRON
1-1636 2- 166
-- PROPERTIES NUCLEAR
2- 1 2-1983
-- SPECTRA
1-1721
NICKEL NI 61
-- PROPERTIES NUCLEAR
2-1983
-- SPECTRA
1-1721
NICKEL NI 62
-- PROPERTIES NUCLEAR
2-1983
-- SPECTRA
1-1721
NICKEL NI 63
-- PROPERTIES NUCLEAR
3- 889
-- TRACER APPLICATIONS
1- 873
NICKEL NI 64
-- PROPERTIES NUCLEAR
2-1983
-- SPECTRA
1-1721
NICKEL NI 65
-- PROPERTIES NUCLEAR
3-1312
NICKEL ALLOYS
-- PHASE DIAGRAMS
3-1365
-- PRODUCTION
1-1851 2- 512 2-1083 2-1380
-- PROPERTIES
1-1632 2- 512 2- 930 2-2127 2-2129
3- 111 3- 703 3-1111
-- SPECTRA
1-1347
-- STRUCTURE CRYSTAL
2-2128 3- 106

NICKEL COMPOUNDS
-- NICKEL OXIDE
1-1545 1-1546 1-1636
NICKEL FILMS
-- BIBLIOGRAPHY
2- 514
NICOTINAMIDE
-- SYNTHESIS OF LABELED
2- 910
NICOTINAMIDE N-METHYL-
-- METABOLISM OF
1-1052 3- 71
-- METABOLISM PRODUCT
1- 369 1- 372
NICOTINE
-- SYNTHESIS OF LABELED
2- 75
NICOTINIC ACID
-- METABOLISM OF
2-1456 2-2048 2-2049
-- SYNTHESIS OF LABELED
3- 284
NIOBIUM
SEE COLUMBIUM

NITRIC ACID
-- PUMPS FOR
3-1701
NITROBENZOIC ACID
SEE BENZOIC ACID NITRO-
NITROGEN
-- ANALYSIS
1- 754 1-1093 2-1336
-- CROSS SECTION NEUTRON
1- 144 1- 740 1-1631 2- 777 2-1393
3-2236
-- EFFECTS OF RADIATION ON
3- 355
-- IONIZATION OF
2- 251 2- 967
-- METABOLISM STUDIES WITH ISOTOPES
1- 363 1- 367 1- 368 1- 382 1- 708
1- 865 1-1051 2- 332 2- 875 2- 884
2-1466
-- PROPERTIES CHEMICAL
1- 926 3-1870 3-2180
-- PROPERTIES NUCLEAR
1- 302 1- 329 1- 402 2- 177 3-1940
3-2274
-- PROPERTIES PHYSICAL
1- 188 2-1242
-- PURIFICATION
1- 620
-- RADIATION ABSORPTION BY
2-1050 2-1165
-- RADIATION SCATTERING BY
1- 401 2- 691 3- 120
-- RADIATION STOPPING BY
2-1171
-- SEALS AND GASKETS FOR
1-1827
-- SPECTRA
1-1725
NITROGEN ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 471
-- SEPARATION METHODS
1- 478 1-1281
-- TRACER APPLICATIONS
1-1051 2-1466
-- USES IN SYNTHESES
2-1466 2-1764
NITROGEN N-12
-- PROPERTIES NUCLEAR
2-1265
NITROGEN N-13
-- FORMATION OF
1- 489 1-1693 2-1403 2-1618 3- 399
3-1394 3-2327 3-2337
-- PROPERTIES NUCLEAR
1-1035 3-2337
NITROGEN N-14
-- CROSS SECTION NEUTRON
2- 174 3-1136 3-1965 3-1971
-- FORMATION OF
1-1693 3-2327
-- PROPERTIES NUCLEAR
1- 4 1- 295 1- 497 2- 8 2- 174
2- 568 2- 783 2-1141 2-1191 2-1401
2-1403 2-1404 3-1009 3-1260 3-1273
3-1748 3-1941 3-2257
-- USES IN SYNTHESES
2- 331
NITROGEN N-15
-- FORMATION OF
1- 63 3-1273
-- ISOTOPIC SEPARATION
1- 113
-- PROPERTIES NUCLEAR
1- 295 3-1715
-- TRACER APPLICATIONS
1- 363 1- 367 1- 368 1- 382 1- 708
1- 865 2- 332 2- 884 3- 62 3- 607
3- 611 3-1342 3-1629 3-2076
-- USES IN SYNTHESES
2- 725 3- 96 3-1342 3-1667
NITROGEN N-16
-- PROPERTIES NUCLEAR
2- 533 2-1980 3-1715
NITROGEN N-17
-- FORMATION OF
2-1971
-- PROPERTIES NUCLEAR
2- 531 2-1970 2-1971 3-2275
NITROGEN COMPOUNDS
SEE ALSO AMMONIUM COMPOUNDS
-- AMMONIA
1- 471 1-1502 2- 331
-- NITRIC ACID
1-1963 2- 725
-- NITRIDES METALLIC
1- 764 1-1814
NITROGEN MUSTARDS
-- EFFECTS ON BLOOD SYSTEM
3-1822
-- SYNTHESIS OF LABELED
3-1091
NOMENCLATURE
SEE BIOLOGICAL NOMENCLATURE AND
CHEMICAL NOMENCLATURE
NOMOGRAPHS
-- MERCURY SPECTRA
3-1666
NOSE DISEASES
-- RADIATION THERAPY
3- 565
NUCLEAR DISINTEGRATION
SEE SUBHEAD PROPERTIES NUCLEAR UNDER
SPECIFIC ELEMENTS AND ISOTOPES
SEE SUBHEAD NUCLEAR REACTIONS UNDER
SPECIFIC PARTICULATE AND WAVE
RADIATIONS
NUCLEAR FORCES
-- THEORY OF
1- 297 1- 513 1- 668 1- 806 1-1157
1-1444 1-1471 1-1682 1-1689 1-1692
2- 267 2- 274 2- 598 2- 600 2- 606
2- 944 2- 946 2-1049 2-1091 2-1122
2-1230 2-1400 2-1985 2-2187 3-1298
3-1306
NUCLEAR MOMENT
SEE SUBHEAD PROPERTIES NUCLEAR UNDER
SPECIFIC ELEMENT AND ISOTOPES
SEE SUBHEAD SPIN AND MOMENT UNDER
SPECIFIC PARTICULATE RADIATIONS
NUCLEAR PARTICLES
SEE ALSO RADIATION AND SPECIFIC
PARTICULATE RADIATIONS SUCH AS ALPHA
PARTICLES
-- ABSORPTION
2-1048 2-1259 2-1990 3- 687 3-2007
-- ACTION IN MAGNETIC FIELDS
3-2350
-- BIBLIOGRAPHY
2-2002 3-1426
-- BIOLOGICAL EFFECTS
3-1169
-- DETECTION AND MEASUREMENT
2- 214 2-1254 2-1418 3- 27 3- 825
3-1004 3-1290 3-1392 3-1432
-- DIFFUSION AND SCATTERING
1- 513 1-1524 1-1639 2- 10 2- 11
2- 388 2-1046 2-1048 2-1050 2-1051
2-1122 2-1237 2-1308 2-1431 2-1498
2-1612 2-1990 2-2070 3- 164 3- 687
3- 707 3- 708 3-1456 3-2028 3-2339
3-2348 3-2351 3-2352
-- IN COSMIC RADIATION
3-1230 3-1235 3-1564 3-1683
-- INTERACTION
1- 513 1-1004 1-1444 1-1471 1-1472
1-1692 2- 598 2- 944 2-1258 3-1299
3-1401 3-1485 3-1489 3-1493 3-1690
3-1763 3-1764 3-2339 3-2342 3-2346
3-2349 3-2366
-- IONIZATION PRODUCED BY
3- 859
-- NUCLEAR REACTIONS
1-1436 2-1168 2-1812 3- 687 3-1239
3-1786
-- PROPERTIES
1- 138 1- 163 1- 173 1- 296 1- 809
1- 929 1- 935 1-1002 1-1157 1-1159
1-1286 1-1303 1-1304 1-1306 1-1379
1-1382 1-1444 1-1674 1-1692 1-1883
1-1884 1-1885 2- 944 2- 972 2-1091
2-1254 3- 169 3- 387 3-1015 3-1616
3-2341 3-2353 3-2372
-- SPECTRA
1- 156 1- 799
-- SPIN AND MOMENT
1- 156 1- 166 1- 666 1- 799 1- 977
1-1159 1-1613 1-1614 1-1658 2- 266
2-1120 2-1123 2-1427 2-1652 2-1831
3- 156 3- 407 3- 859 3-1263 3-1300
3-1301 3-1307 3-1308 3-1401 3-1482
3-1763 3-1770 3-2368
-- WAVE EQUATIONS FOR
1- 320 1- 535 1- 832 1-1471 1-1571
1-1682 1-1689 2- 258 2- 266 2- 268
2- 274 2- 601 2- 602 2- 603 2- 604
2- 610 2- 819 2- 826 2- 828 2- 829
2- 830 2-1120 2-1259 2-1427 2-1429
2-1652 2-1829 2-1831 2-2187 2-2189
3-1020 3-1300 3-1301 3-1304 3-1307
3-1486 3-1498 3-1615 3-1618 3-1763
3-1767 3-1773 3-1775 3-1777 3-1779
3-1782 3-2339 3-2352 3-2354 3-2361
3-2364 3-2368
NUCLEAR PHYSICS
SEE PHYSICS NUCLEAR
NUCLEAR POWER
SEE ALSO ATOMIC BOMBS REACTORS AND
SUBHEAD FISSION OF UNDER SPECIFIC
FISSIONABLE ELEMENTS AND ISOTOPES
SUCH AS URANIUM U-235 AND THORIUM
-- BIBLIOGRAPHY
1-1761 1-1795
-- ECONOMIC ASPECTS
1- 68 1-1757 2- 21 2- 702 2-1173
3- 499 3-1785 3-2287
-- ENGINEERING PROBLEMS
1- 11 1- 12 1- 228 1- 601 1- 730
1-1378 1-1525 1-1759 2-1173 2-1174
2-1505 3-2038

NUCLEAR POWER
-- FOR AIRCRAFT
3- 193 3- 700
-- FOR ROCKETS
3- 194 3- 787 3- 788 3- 789 3-1411
3-1412 3-1413 3-1414
-- FUNDAMENTAL CONCEPTS
1- 10 1- 11 1- 178 1- 599 1- 601
1- 730 1- 890 1- 891 1-1286 1-1379
1-1381 1-1382 1-1439 1-1758 2- 99
2-1054 2-1145 2-1174 2-1312 2-1316
2-1318 2-2075 3- 1 3- 500 3- 501
3-1148 3-1734 3-1784 3-2267
-- LEGAL ASPECTS
1-1796 3-1785
-- POLITICAL ASPECTS
1-1795 1-1797 2- 85 2- 86
-- SOCIAL IMPLICATIONS
1- 68 1- 521 1- 944 1-1082 1-1398
1-1555 1-1795 1-1797 2- 86 2- 729
2- 896
NUCLEAR REACTIONS
SEE ALSO SUBHEAD PROPERTIES NUCLEAR UNDER SPECIFIC ELEMENTS AND ISOTOPES AND SUBHEAD NUCLEAR REACTIONS UNDER SPECIFIC WAVE AND PARTICULATE RADIATIONS
-- FUNDAMENTAL CONCEPTS
2- 569 2-1990
NUCLEAR REACTORS
SEE REACTORS
NUCLEAR SPIN
SEE SUBHEAD PROPERTIES NUCLEAR UNDER SPECIFIC ELEMENTS AND ISOTOPES
SEE SUBHEAD SPIN AND MOMENT UNDER SPECIFIC PARTICULATE RADIATIONS
NUCLEI
SEE MAIN HEADS ISOTOPES AND SPECIFIC ISOTOPES LISTED BY MASS NUMBER UNDER THE VARIOUS ELEMENTS SUCH AS CARBON C 14
NUCLEIC ACIDS
-- ADSORPTION SEPARATION OF
3-1663
-- ANALYSIS
2- 899 2-1894 2-2086
-- EFFECTS OF RADIATION ON
3- 515 3- 956
-- METABOLISM OF
1- 363 1- 382 1- 392 1- 863 2- 397
2- 708 2-1151 2-1463 2-1853 2-1856
2-1892 3- 513 3- 600 3-1322 3-1791
3-2075
-- PROPERTIES CHEMICAL
3-1629
-- SYNTHESIS IN TUMORS
3-1640
-- SYNTHESIS OF LABELED
3-1342
NUCLEONS
SEE NUCLEAR PARTICLES AND SPECIFIC NUCLEONS SUCH AS ALPHA PARTICLES
NUCLEOPROTEINS
-- METABOLISM OF
2-1856 3-1791

OCEAN SEDIMENTS
-- RADIOACTIVITY OF
2-1920
-- RATE OF DEPOSITION
3-1360
-- THORIUM CONTENT
3- 695
OCTANE
-- PROPORTIONAL COUNTER USES
3- 451
OCTANOIC ACID
-- METABOLISM OF
3-2061
OCTANONE-2
-- SOLUBILITY OF THORIUM NITRATE
1- 258
-- SYNTHESIS OF
3-2138
OCTYNOIC ACID
-- EFFECTS ON METABOLISM
3-1052
-- SYNTHESIS OF
3-2138
OIL
SEE PETROLEUM
OLEIC ACID
-- DETERMINATION OF STRUCTURE
3-1085
ORES AND MINERALS
SEE ALSO SPECIFIC ORES SUCH AS URANIUM ORES
-- DETERMINATION OF BERYLLIUM IN
2-1594
-- DETERMINATION OF CERIUM IN
2-1720
-- DETERMINATION OF RADIOACTIVITY IN
2- 165 2-1224 2-1824 3-1105 3-1679
3-2185

ORES AND MINERALS
-- DETERMINATION OF RARE EARTHS IN
2-1720
-- DETERMINATION OF TRACE ELEMENTS IN
2-1595
-- THORIUM CONTENT
3-1913
ORGANIC COMPOUNDS
SEE ALSO ANTIBIOTICS CARBOHYDRATES ENZYMES FLUORINE COMPOUNDS HORMONES LIPIDS PROTEINS RUBBER AND ELASTOMERS AND VITAMINS SPECIFIC ORGANIC COMPOUNDS ARE ALSO LISTED ALPHABETICALLY
-- ACENAPHTHENE
1-1646 2- 975
-- ACETATE AMYL
1- 291
-- ACETATE ETHYL
1- 291
-- ACETATE METHYL
1- 291
-- ACETATE VINYL
1- 877
-- ACETATES
3- 60
-- ACETATES FLUORO-
1-1784
-- ACETIC ACID
1- 259 1- 291 1- 394 1- 396 1-1213
2- 883 2-1462 2-1732 2-2236 3- 73
3- 286 3- 940 3- 944
-- ACETIC ACID 3-INDOLE-
2-1762
-- ACETOACETIC ACID
3-2071
-- ACETONE
1- 291 2-1741 3-1886
-- ACETONE THENOYLTRIFLUORO-
1-1781 2-1995 3- 90 3-1198 3-1207
3-1338
-- ACETOPHENONE DIBROMO
1- 373
-- ACETYLENE
1- 259
-- ACETYLENEDICARBOXYLIC ACID
2-1761
-- ACRIDINE
2-1453
-- ACRYLATE METHYL
1- 877
-- ADENINE
2-1764 2-2086 3- 611
-- ADENOSINETRIPHOSPHATE
1- 374 2- 49 3- 93
-- ADENYLIC ACID
3-1663 3-2118
-- ALANINE
1- 377 1-1055 1-1214 1-1354 1-1552
3- 529 3-1626
-- ALBUMIN
3- 19
-- AMINO ACIDS
1- 749 1-1053 1-1093 1-1214 1-1238
1-1552 1-1553 2- 55 2- 427 2- 667
2- 900 3- 282 3-1323 3-1667
-- AMYL ALCOHOL
1- 291
-- ANALYSIS
1- 50 1- 251 1- 471 1- 617 1-1255
1-1345 1-1552 1-1784 2- 70 2- 427
2- 429 2- 899 2-1759 3-1085 3-1087
3-1873
-- ANTHRACENE
1- 91 1- 107 1- 109 1- 992 1- 995
1-1442 1-1515 1-1576 2- 191 2- 212
2- 464 2- 542 2- 960 2- 975 2-1248
2-1453 2-1628 2-2009 3- 437 3- 843
3- 995 3-1150 3-1449
-- ANTHRANILIC ACID
1-1646 2- 358 2- 901 2- 908 2- 975
2-1456
-- ANTIHISTAMINIC DRUGS
1-1766 2- 835 3-1054
-- ARGININE
1-1214 2-1019
-- ARSACETIN
3-1092
-- ASPARAGINE
1- 393
-- ASPARAGINE CHLOROACETYL
1-1767
-- ASPARAGINE GLYCYL-
1-1767
-- ASPARAGINE LEUCYL-
1-1767
-- ASPARTIC ACID
1- 618 1-1214 1-1354 1-1552 2-1020
2-1732 3-1626
-- ATOXYL
3-1092
-- BAKELITE
3-1749
-- BARBITAL SODIUM
2-1296

ORGANIC COMPOUNDS
-- BENZANTHRACENE
1-1646 2- 975
-- BENZENE
1- 196 1- 291
-- BENZENE MONOBROMO-
2- 348 3- 97
- BENZENE HEXABROMO-
2-1453
-- BENZENE O DICHLORO-
1- 413 3- 97
-- BENZENE P DICHLORO-
1- 842 3- 97
-- BENZENE HEXACHLORO-
1- 842
-- BENZENE P DIMETHYLAMINOAZO
3- 96
-- BENZIDINE
1-1783
-- BENZIDINE DIAMINO-
2- 60
-- BENZOIC ACID
2-1761
-- BENZOIC ACID P-AMINO
1- 393 2- 901 3- 284
-- BENZOIC ACID M-NITRO
1-1204
-- BENZYL FLUORIDES SUBSTITUTED
2- 478
-- BIBENZYL DIFLUORO-
1-1409
-- BIOTIN
3- 608 3-1203
-- BIPHENYL
1-1646 2- 975 2-1422
-- BROMOFORM
1- 413
-- BUTADIENE 1-3
3-1391
-- BUTANE
3- 315
-- BUTANE IODO-
3-1540
-- BUTENE 1
1-1585 3- 949 3-1343
-- BUTENE 2
1-1585
-- BUTYL ALCOHOL I
2-1741
-- BUTYL ALCOHOL T
2-1741
-- BUTYL BROMIDE N
1-1135 2- 760
-- BUTYL PHOSPHATE
2-1448
-- BUTYRIC ACID GAMMA TRIFLUORO-
1-1589
-- CAPROIC ACID
3- 72
-- CARBON TETRABROMIDE
2-1138
-- CARBON TETRACHLORIDE
1- 546 1-1818 1-1906 2- 128 2- 130
2- 437
-- CARBON TETRAHALIDES
1-1456
-- CARBONYL FLUORIDE
2-1208
-- CARMINIC ACID
2- 716
-- CELLOSOLVE DIETHYL
2-1741
-- CETANE
3-1391
-- CHALCONE EPOXIDE
1- 59 1- 861
-- CHLOROFORM
2- 128
-- CHLOROPHYLL
2-1294
-- CHOLANTHRENE 3-METHYL
1- 581
-- CHOLESTEROL
1-1053 1-1764
-- CHOLINE
1-1052 2-1465 3- 601
-- CHOLINE CHLORIDE
3-1199
-- CHOLINE CHLORIDE ACETYL
3-1199
-- CHRYSENE
2-1828
-- CITRIC ACID
2-1337
-- CREATINE
1- 374 1-1052 2-1465
-- CREATININE
1- 749 1-1093
-- CYANAMIDE
1-1395
-- CYANOACETAMIDE
2-1764
-- CYANOGEN BROMIDE
2- 327
-- CYANOGEN CHLORIDE
2- 327

ORGANIC COMPOUNDS
-- CYANOGEN IODIDE
2- 327
-- CYCLOHEPTANEDIONEDIOXIME
2-2090 3-1197
-- CYCLOHEPTANONE
3-2137
-- CYCLOHEXANE
1- 989
-- CYCLOHEXANE PERFLUORODIMETHYL-
1-1406
-- CYCLOHEXANONE
3-2137
-- CYCLOPROPANE HEXAFLUORO
1-1110 1-1111 1-1112
- CYSTEINE
2-1125 2-2052 3-1645
-- CYSTINE
1- 569 2-1125 3- 644 3- 647 3-1645
3-2055
-- CYTIDYLIC ACID
3-1663
-- CYTOSINE
2-1466 2-2086
-- DIBENZANTHRACENE
1-1216 1-1353 2- 397
-- DIETHYL FLUOROPHOSPHATE
1-1390
-- DIETHYLAMINE 2-2DICHLORO-N-METHYL-
3-1322
-- DIGITOXIN
2- 75
-- DIISOPROPYL FLUOROPHOSPHATE
1-1390 2- 438
-- DIMETHYL FLUOROPHOSPHATE
1-1390
-- DITHIZONE
1- 913
-- EFFECTS OF RADIATION ON
1- 26 1- 196 1- 546 1- 697 1- 842
1-1036 1-1658 2-1125 2-1138 2-1262
3-1147
-- EPINEPHRINE
3- 617
-- ETHANE
3-1391
-- ETHANE TETRACHLORO-
2- 128 2- 129 2- 130
-- ETHANE PENTACHLORO-
2- 129 2- 130
-- ETHANE MONODEUTERO-
1-1211
-- ETHANE TRIFLUORO
1-1590 2- 131
-- ETHER DIETHYL
1- 291 2-1296 2-1741
-- ETHER DIHEXYL
2-1741
-- ETHER ISOPROPYL
1- 917 2-1895
-- ETHYL ALCOHOL
1- 291 1- 923 1-1906 3- 815
-- ETHYL BROMIDE
1- 116 1- 923 1-1858
-- ETHYLENE
3- 949 3-1391
-- ETHYLENE CHLOROTRIFLUORO-
1-1592 3- 296 3- 656 3- 658 3- 659
3- 660
-- ETHYL IODIDE
1- 623
-- FATTY ACIDS
1- 369 2- 406 2- 878 3- 633 3- 941
3-1084
-- FERRON
1- 914
-- FLAVONES
2-1434 3-1050
-- FLUORENE
1- 760 1-1646 2- 975
-- FLUORENE 2-ACETYLAMINO
2-2094
-- FLUORESCEIN DIIODO-
1- 376 1- 870 1-1738 2- 876 2- 877
-- FLUOROCARBONS
1- 81 1- 438 1-1110 1-1111 1-1112
1-1265 1-1266 1-1267 1-1390 1-1406
1-1407 1-1409 1-1587 1-1589 1-1590
1-1591 1-1592 1-1761 1-1784 1-1817
1-1818 1-1819 1-1820 1-1821 2- 70
2- 126 2- 127 2- 128 2- 129 2- 130
2- 131 2- 132 2- 133 2- 134 2- 471
2- 473 2- 474 2- 475 2- 476 2- 477
2- 478 2- 479 2- 480 2- 747 2- 748
2- 749 2-1208 2-1788 2-1789 2-1918
2-1919 2-1995 3- 80 3- 297 3- 657
3-1333 3-1345 3-2149
-- FLUOROFORM
2-1918
-- FLUOROTHENE
1- 81 1-1587 3-1668 3-1669
-- FORMIC ACID
1- 291 1- 697 2-1341
-- GLUCOSE
3- 60 3- 64 3- 312 3- 609 3- 941

ORGANIC COMPOUNDS
-- GLUTAMIC ACID
1-1214 1-1238 1-1552 2-1020
-- GLUTATHIONE
3-1877
-- GLYCEROL
1- 291 1-1509
- GLYCEROL TRISTEARATE
3- 969
-- GLYCEROPHOSPHORIC ACID
3-1633
-- GLYCINE
1- 363 1- 393 1- 394 1-1055 1-1214
1-1215 1-1397 1-1443 1-1552 1-1733
2- 332 2-1021 2-1022 2-1457 2-1732
2-1852 2-1858 2-2230 3- 529 3- 607
3- 611 3-1324 3-1623
-- GLYCOGEN
3- 944
-- GLYCOLIC ACID BENZYLPHENYL-
1- 861
-- GLYOXAL PHENYL
1- 373 1-1792
-- GLYOXALIDONE PHENYLBENZYL
1-1646 2- 975
-- GLYOXIME DIMETHYL-
3-1334
-- GUANINE
3- 611
-- GUANYLIC ACID
3-1663
-- HALOCARBONS
1- 81 1- 939 1-1264 1-1407 1-1408
1-1587 1-1589 2- 125 2- 135 2- 472
2-2046 3- 656 3- 657 3- 659 3- 660
3-1345 3-2149
-- HEAT CAPACITIES
2- 250
-- HEMIN
2-1021 3-1623
-- HEMOGLOBIN
3- 607
-- HEPTANE HEXADECAFLUORO-
1-1592
-- HEPTANE PERFLUORO-
1-1591
-- HEPTANONE 2
1- 258
-- HEXAMETHYLENETETRAMINE
2- 362
-- HEXANOL
1- 258
-- HISTAMINE
2- 281 2- 346 2-1508 3-2079
-- HOMOLANTHIONINE
3-2055
-- HOMOSERINE
3-1319
-- HYDANTOIN
1-1397
-- HYDROCARBONS
1-1454 1-1553 2- 674 2-1363 3- 969
3-2134
-- HYDROQUINONE
1-1443
-- HYDROXY NOLINE
2- 68 2- 80 2- 81
-- ISATIN OXIME
1-1968
-- ISOAMYL ALCOHOL
1- 258
-- KYNURENIC ACID
1- 372 2-2048
-- KYNURENINE
1- 372 2-2048
-- LEUCINE
3-2071
-- LINOLEIC ACID
3-1085
-- LINOLENIC ACID
3-1085
-- LIPIDS
3- 969
-- LYSINE
1- 367 1- 759 2-1019 2-1020 3- 606
3- 631 3-1797 3-1798
-- MALEIC ANHYDRIDE
3-1085
-- MALIC ACID
1- 618 3-1052
-- MALONIC ACID
1-1213 2- 920 3- 94
-- MALONONITRILE
2-1764
-- MANDELIC ACID
1- 373 1-1788
-- MASS SPECTRA
1- 764
-- METHACRYLATE METHYL
1- 877 1-1141
-- METHADON
1- 923 2-1296 3- 267
-- METHANE
1- 478 1-1881 2- 437 3- 69 3- 314
-- METHANE CHLOROTRIFLUORO
2- 135
ORGANIC COMPOUNDS
-- METHANE DICHLOROFLUORO-
2- 135
-- METHANE DICHLORODIFLUORO-
1-1264 2- 135
-- METHANE TRICHLOROFLUORO
2- 135
-- METHANE MONODEUTERO-
1-1211 1-1881 2-1233
-- METHANE TETRADEUTERO
1-1211
-- METHANE IODO-
3-1268 3-1407 3-1866
-- METHANE TRIPHENYL-
1-1646 2- 975
-- METHANES CHLORO-
1-1264 2- 135 2- 331 2-1724
-- METHIONINE
1- 393 1- 569 1-1036 2- 900 2-1465
2-1726 2-2237 3- 601 3- 621 3- 647
3-1319
-- METHYL ALCOHOL
1- 291 1-1906 2- 366
-- METHYL CHLORIDE
3- 159
-- METHYLENE BROMIDE
2-2170
-- METHYL FLUORIDE
2- 134 2-1918
-- METHYLNICOTINAMIDE
3- 71
-- MUREXIDE
1- 853
-- NAPHTHACENE
2-1453
-- NAPHTHALENE
1- 992 1-1148 1-1700 2- 191 2- 204
2- 212 2- 547 2- 548 2- 960 2- 975
2-1422 2-1453 2-1628 3- 437 3- 835
3-1449 3-1992
-- NAPHTHALENE ALPHA-BROMO
2- 348
-- NAPHTHAZARIN
3- 632
-- NAPHTHOHYDROQUINONES METHYL
2-2035
-- NAPHTHOQUINONE-2 BROMO-3-HYDROXY-
1- 576
-- NAPHTHOQUINONE 2-METHYL-
2-1262
-- NAPHTHYLAMINE
1-1783
-- NEOPRENE
3- 316
-- NIACIN
3- 915 3- 954
-- NICOTINAMIDE
2- 910
-- NICOTINAMIDE N-METHYL-
1- 369 1- 372 1-1052
-- NICOTINE
2- 75
-- NICOTINIC ACID
2-1456 2-2048 2-2049 3- 284
-- NUCLEIC ACIDS
1- 363 1- 382 1- 392 1- 863 2- 397
2- 708 2- 899 2-1151 2-1463 2-1853
2-1856 2-1892 2-1894 2-2086 3- 513
3- 515 3- 600 3- 956 3-1322 3-1342
3-1663
-- OCTANE
3- 451
-- OCTANOIC ACID
3-2061
-- OCTANONE-2
1- 258
-- OCTENOIC ACID
3-2138
-- OCTYNOIC ACID
3-1052 3-2138
-- OLEIC ACID
3-1085
-- OXALIC ACID
1- 697 1- 937 1-1789 3- 642
-- OXAZINE DYES
2-1328
-- OXIDATION METHODS FOR
1- 433 2-1338
-- PAPAVERINE HYDROCHLORIDE
2- 346
-- PENTABARBITAL
1- 708 2- 909 2-1024
-- PENTACENE
2-1453
-- PENTANE
1- 291
-- PENTANEDIONE-2-4
3-1210
-- PENTANONE 2 4-METHYL-
1- 258 2-1741
-- PHENANTHRENE
1- 760 1-1646 2- 191 2- 960 2- 975
2-1422 3- 835
-- PHENAZINE
2-1453

ORGANIC COMPOUNDS
-- PHENAZINE DYES
2-1328
-- PHENOL P-AMINO-
1-1443
-- PHENOL METHYL P-AMINO
1-1443
-- PHENOL DINITRO-
1- 377
-- PHENOXYACETIC ACID DERIVATIVES
3-1683
-- PHENYLALANINE
1-1354 2- 667 2-2091 3-1808
-- PHENYLANTHRANILIC ACID
1-1940
-- PHENYLHYDRAZINE
1- 602 1- 608
-- PHOSGENE
1- 64
-- PHOSPHOGLYCERIC ACID
3-1080
-- PHOSPHORIC ACIDS ALKYL-
1-1100
-- POLYSTYRENE CHLORIDE
3-1147
-- POLYVINYL CHLORIDE
3-1147
-- PORPHYRINS
1- 363 1- 608 1- 892 2- 332 3- 607
-- PROCAINE DIBROMO
1-1103 3- 624
-- PROPANE
1-1554 3- 638 3- 654 3-1391 3-1886
-- PROPANE 3-CHLORO-1-TRIFLUORO
1-1589
-- PROPANE 1 MONODEUTERO-
1-1211
-- PROPANE 2 MONODEUTERO-
1-1211
-- PROPANE 1 TRIFLUORO-
1-1589
-- PROPANOL 2-3 DITHIO-
2- 47 3- 531
-- PROPENE
1- 433
-- PROPYL ALCOHOL
1- 291
-- PROPYL ALCOHOL BETA-TRIFLUORO-
1-1589
-- PROPYLENE
3- 949
-- PROPYLENE HEXACHLORO
2- 130
-- PURINES
2-1694 2-2086
-- PYRIBENZAMINE
3-2079
-- PYRIDOXINE
2- 616 2- 985
-- PYRIMIDINES
2-1694 2-2086
-- PYRUVIC ACID
1-1238 1-1789 2-1462 3- 944 3-1626
-- QUERCETIN
3- 89
-- QUINALIZARINE
1-1077
-- RUTIN
1- 323 1- 536 1- 905 1-1473 1-1922
2- 281 2-1126 2-1434 3- 89 3- 532
3- 909 3- 916
-- SALVARSAN
3-1092
-- SERINE
1-1214 1-1354
-- SPARTEINE
2- 358
-- STILBAMIDINE
1- 352
-- STILBENE
1-1646 2- 975 3- 163 3- 437 3- 465
3-1296 3-1449
-- STRUCTURE MOLECULAR
3-1613
-- STYRENE
1- 877 3-2135
-- SUCCINIC ACID
1- 618 1-1238 3- 95
-- SULFANILAMIDE
1- 393 2-2234
-- SULFOPHTHALIC ANHYDRIDE
2- 421
-- THIAZINE DYES
2-1328
-- THIAZOLE 2-AMINO
1- 710 1- 711
-- THIOURACIL
1- 710 1- 711 1- 845 1-1350 2-2078
2-2217 3- 56
-- THIOURACIL BENZYL-
1- 710 1- 711
-- THIOURACIL METHYL-
1- 711
-- THIOURACIL PROPYL-
1- 710 1- 711 1-1039

ORGANIC COMPOUNDS
-- TOLUENE
1- 291 1-1789 1-1821
-- TOLUENE ALPHA TRIFLUORO
2- 133
-- TOLUENE ALPHA TRIFLUORO M-CHLORO-
1-1408
-- TOLUENE ALPHA TRIFLUORO O-CHLORO-
1- 939
-- TOLUENES FLUORO-
1-1409 1-1821
-- TRIDECANOIC ACID
3- 645
-- TRYPTOPHANE
1- 372 1-1397 2- 667 2- 900 2-1456
2-1762 2-2048 2-2049 3- 71
-- TYROSINE
1- 252
-- TYROSINE MONOIODO-
1-1507 3-1341
-- TYROSINE DIIODO-
1- 385 1-1507 3-1341
-- UREA
1- 937 1-1395 2- 669 2-1023
-- URETHANE
1- 352 1-1038 2-1296 2-1325 2-1458
2-1862 3- 952 3-1532
-- URIC ACID
1- 382 2-1348 3- 73
-- URIDYLIC ACID
3-1663
-- UROBILINOGEN
1- 892
-- UROROSEIN
1- 892
-- USNIC ACID
1- 869
-- VALERIC ACID
3- 72
-- VINYL CHLORIDE
3- 101
-- VINYLIDENE CHLORIDE
3-1147
-- XYLENE
1- 291 2- 421
-- XYLENE P-ALPHA-ALPHA TRIFLUORO
2-2110
ORGANS
SEE SPECIFIC ORGANS
OSCILLOGRAPHS AND OSCILLOSCOPES
-- CONSTRUCTION AND OPERATION
1- 293 1- 796 1- 948 1-1122 1-1148
1-1417 1-1609 1-1870 2- 199 2- 222
2- 223 2- 224 2- 563 2- 817 2- 974
2-1936 3- 837 3- 839 3-2230
OSMIUM
-- ANALYSIS
2-1305
-- RADIATION ABSORPTION BY
3- 986
OSMIUM ISOTOPES
-- FORMATION OF
1- 670
OSMIUM OS 184
-- CROSS SECTION NEUTRON
1- 840
OSMIUM OS 185
-- PROPERTIES NUCLEAR
1- 840
OSMIUM OS 187
-- PROPERTIES NUCLEAR
1- 160 1- 191 1-1192
OSMIUM OS-190
-- CROSS SECTION NEUTRON
1- 840
OSMIUM OS 191
-- PROPERTIES NUCLEAR
1-1706
OSMIUM OS 192
-- CROSS SECTION NEUTRON
1- 840
OSMIUM OS 193
-- PROPERTIES NUCLEAR
1- 840 1-1706
OVA
SEE EGGS AND LARVAE
OVARIES
SEE ALSO TESTES STERILITY AND UTERUS
-- EFFECTS OF RADIATION ON
1- 736 2-1056 2-1324 2-2211 3- 587
3-1170 3-1641 3-1828
OVARY DISEASES
-- RADIATION THERAPY
3- 574 3- 587 3-1063 3-1064

OXALIC ACID
-- CRYSTAL STRUCTURE
1- 937
-- DECOMPOSITION OF
3- 642
-- EFFECTS OF RADIATION ON
1- 697
-- SYNTHESIS OF LABELED
1-1789

OXAZINE DYES
-- HEPARIN INACTIVATION BY
2-1328
OXYGEN
-- ANALYSIS
1-1251 1-1393 2-1336 3-1657 3-1658
-- CROSS SECTION NEUTRON
1- 144 1- 740 1- 989 1-1631 2- 777
2-1393 2-2144 3-1391 3-2236
-- EFFECTS OF RADIATION ON
3- 355
-- IONIZATION OF
1- 826 1- 832 1-1451
-- PROPERTIES CHEMICAL
1- 926 1-1219 2-1375 3-1870 3-2180
-- PROPERTIES NUCLEAR
3- 395 3- 770 3-1422
-- RADIATION ABSORPTION BY
2-1050 2-1165
-- RADIATION SCATTERING BY
1- 401 3- 148
-- RADIATION STOPPING BY
2-1171
-- SPECTRA
1-1725 3-1941
-- STRUCTURE ATOMIC
1- 832 1-1456
-- STRUCTURE MOLECULAR
3-1941
OXYGEN ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 471 2- 150 2- 712 2- 756 2-1213
2-1375 3-2220 3-2222 3-2225 3-2227
-- SEPARATION METHODS
1- 478 2-1580 3-2227
-- TRACER APPLICATIONS
1-1956
OXYGEN O-14
-- PROPERTIES NUCLEAR
2-1141
OXYGEN O-15
-- FORMATION OF
1- 498 2- 568 3-1748
-- PROPERTIES NUCLEAR
3-1748
OXYGEN O-16
-- CROSS SECTION NEUTRON
3-1136
-- FORMATION OF
2- 13 3- 794 3-2328
-- PROPERTIES NUCLEAR
1-1700 2- 8 2- 568 2-1968 2-1972
3-2327 3-2328 3-2333
OXYGEN O-17
-- PROPERTIES NUCLEAR
1-1860 2- 531 2-1213 2-1970 3-2275
OXYGEN O-18
-- FORMATION OF
1- 63 3-2327
-- TRACER APPLICATIONS
3- 958 3-1807 3-1859
OXYGEN O-19
-- PROPERTIES NUCLEAR
3-1402
OXYGEN O-20
-- PROPERTIES NUCLEAR
3-1402
OXYGEN COMPOUNDS
-- OXIDES METALLIC
1- 764 1-1814

PAIN
-- ALLEVIATION WITH RADIATIONS
2-1700
PALLADIUM
-- ANALYSIS
1- 430 1-1292 2-1305 2-2138
PALLADIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2-2123
-- FORMATION OF
1- 670
PALLADIUM PD-104
-- CROSS SECTION NEUTRON
1- 136
PALLADIUM PD-106
-- PROPERTIES NUCLEAR
2- 1 3-1476
PALLADIUM PD-107
-- PROPERTIES NUCLEAR
2-1681 2-1800
PALLADIUM PD-109
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- PROPERTIES NUCLEAR
1-1250 3-2022
PALLADIUM PD-110
-- FORMATION OF
3- 174
PALLADIUM PD 111
-- CROSS SECTION NEUTRON
1- 136 2-1800
PALLADIUM COMPOUNDS
-- PALLADIUM CYANIDE COMPLEXES
1-1250
PALLADIUM COMPOUNDS
-- PALLADIUM IODIDE
1- 918
PANCREAS
-- EFFECTS ON URANIUM METABOLISM
3-2044
-- METABOLISM OF METHIONINE IN
3- 621
PAPAVERINE HYDROCHLORIDE
-- BLOOD DISEASES THERAPY USING
2- 345
PAPER
-- RADIATION SCATTERING BY
2- 386
PAPER CHROMATOGRAPHY
SEE ANALYSIS CHROMATOGRAPHIC
PARAFFIN
-- RADIATION ABSORPTION BY
3-1600
-- RADIATION SCATTERING BY
2- 386 3-1576
PARALLEL PLATE COUNTERS
-- CONSTRUCTION AND OPERATION
2- 185 2- 188 2- 961 2-1416 2-1631
2-1632 2-1633 2-1864 2-2010 3- 452
-- COSMIC RADIATION DETECTION USING
3-1229
PARAMECIUM
SEE PROTOZOA
PAROTID GLAND DISEASES
-- RADIATION THERAPY
3- 923
-- RADIOISOTOPES THERAPY
3- 923
PARTICLE ACCELERATORS
SEE ACCELERATORS PARTICLE
PARTICLE SIZE DETERMINATIONS
3- 964 3-2123
PARTICLE SYSTEMS
-- WAVE EQUATIONS FOR
1- 186 1- 318 1-1468 1-1470 1-1674
1-1692 2- 264 2- 275 2- 276 2- 601
2- 603 2- 608 2- 609 2- 818 2- 820
2- 832 2- 833 2- 834 2- 980 2-1117
2-1121 2-1431 2-1650 2-1651 2-1654
2-1832 2-2013 2-2015 2-2182 3-1308
3-1309 3-1490 3-1620 3-1764 3-1766
3-1770 3-1781 3-2028 3-2033 3-2342
3-2348
PARTICLES
SEE NUCLEAR PARTICLES
PARTICLES NEUTRAL
-- FOCUSSING OF
3-1245
PASSIVE SIMULATORS
SEE SIMULATORS
PENICILLIN
SEE ANTIBIOTICS
PENTABARBITAL
-- METABOLISM OF
1- 708 2-1024
-- SYNTHESIS OF LABELED
2- 909
PENTACENE
-- ENERGY LEVELS IN CRYSTALS
2-1453
PENTACHLOROETHANE
SEE ETHANE PENTACHLORO-
PENTANE
-- NEUTRON RETARDATION BY
1- 291
PENTANEDIONE 2-4
-- SPECTRA
3-1210
PENTANOL
SEE AMYL ALCOHOL
PENTANONE 2 4-METHYL-
-- SOLUBILITY OF THORIUM NITRATE IN
1- 258
-- SOLUBILITY OF URANYL NITRATE IN
2-1741
PERFLUORODIMETHYLCYCLOHEXANE
SEE CYCLOHEXANE PERFLUORODIMETHYL-
PERIODIC SYSTEM
-- CHARACTERISTICS OF
1- 928 2-1232 2-1817 2-1818 2-1956
2-1982 2-1986 2-2159 3- 298 3-1722
3-1978
-- HISTORICAL DEVELOPMENT
2- 724
PERIODIC TABLE
-- ACTINIDE SERIES
3-1209
PERTURBATION THEORY
1- 513 1- 515 1- 653 1- 667 1-1313
1-1570 1-1919 2- 263 2- 600 2- 775
2- 823 2- 939 2- 978 2- 979 2-1091
2-1117 2-1650 2-1651 2-1654 2-2012
2-2070 2-2189 2-2192 3- 865 3-1014
3-1239 3-1258 3-1300 3-1401 3-1456
3-1489 3-1494 3-2345
PETROLEUM
-- RADIATION LOGGING OF
1- 678 1- 679 1-1666 2- 885 2-1241
2-1994 3- 694 3-1105 3-1931 3-2176

PETROLEUM
-- RADIOACTIVITY IN
1- 677
PH METERS
-- CONSTRUCTION AND OPERATION
3-1125
PHARYNX
SEE ALSO NASOPHARYNX DISEASES
-- EFFECTS OF RADIATION ON
2-1443
PHARYNX DISEASES
-- RADIATION THERAPY
3- 248 3- 577 3-1074
PHASE SYSTEM
-- ALUMINUM AND ALUMINUM COMPOUNDS
1-1546
-- ALUMINUM AND BARIUM OXIDES
1- 546
-- ALUMINUM AND BERYLLIUM OXIDES
1-1546 2- 902
-- ALUMINUM AND COBALT OXIDES
1-1546
-- ALUMINUM MANGANESE AND SILICON OXIDES
1-1546
-- ALUMINUM-URANIUM
1-1965
-- BERYLLIUM ALLOYS
2-1582
-- BERYLLIUM AND SILICON OXIDES
1-1546
-- BERYLLIUM CERIUM
2-1378
-- BERYLLIUM IRON
1-1140 3-1109
-- BERYLLIUM THORIUM
2-1378
-- BERYLLIUM URANIUM
2-1378
-- BERYLLIUM ZIRCONIUM
2-1378
-- BISMUTH-GALLIUM-LEAD
2-1588
-- CERIUM MAGNESIUM
1- 970
-- CHROMIUM-NICKEL-TANTALUM
2-2129
-- CHROMIUM-TANTALUM
2-2129
-- COBALT IRON
2-2126
-- COBALT URANIUM
3- 106
-- COLUMBIUM TANTALUM
2-1080
-- COPPER GOLD
2-1086 2-2128
-- COPPER SILVER
2- 160
-- COPPER ZIRCONIUM
1-1627
-- GALLIUM-LEAD
2-1586
-- GENERAL AND THEORETICAL
3-1984
-- GOLD-ZIRCONIUM
1-1627
-- HELIUM HE 3
2-1629
-- IRON-URANIUM
3- 106
-- LANTHANUM AND POTASSIUM FLUORIDES
1- 590
-- LANTHANUM AND SODIUM FLUORIDES
1- 590
-- LANTHANUM FLUORIDE-THORIUM
FLUORIDE
3-2144
-- LITHIUM SILICON AND ZIRCONIUM OXIDES
1-1545
-- LITHIUM-TIN
1-1284
-- MAGNESIUM SILICON AND ZIRCONIUM OXIDES
1-1545
-- MAGNESIUM ZIRCONIUM
2- 164
-- MANGANESE NICKEL
2-2128
-- MANGANESE URANIUM
3- 106
-- MERCURY-URANIUM
1-1965
-- METALS
1-1425 1-1426
-- NICKEL AND ZIRCONIUM OXIDES
1-1546
-- NICKEL TANTALUM
2-2129
-- NICKEL THORIUM
2- 930
-- NICKEL TITANIUM
3- 111
-- NICKEL URANIUM
3- 106
-- POTASSIUM AND THORIUM FLUORIDES
1- 590
PHASE SYSTEM
-- POTASSIUM AND URANIUM FLUORIDES
1- 590
-- POTASSIUM SODIUM
2- 161
-- SILICON AND SILICON COMPOUNDS
1-1546
-- SILICON AND ZIRCONIUM OXIDES
1-1546
-- SILVER ZIRCONIUM
1-1627
-- SODIUM AND THORIUM FLUORIDES
1- 590
-- SODIUM AND URANIUM FLUORIDES
1- 590
-- SODIUM TIN
1-1284
-- STRONTIUM AND URANIUM BROMIDES
1-1365
-- THORIUM FLUORIDE LANTHANUM
FLUORIDE
3-2144
-- THORIUM OXIDES AND PHOSPHATES
1-1545
-- TIN AND ZIRCONIUM OXIDES
1-1545
-- TIN-URANIUM
1-1965
-- TITANIUM AND ZIRCONIUM OXIDES
1-1545
-- URANIUM-URANIUM BROMIDE
1-1364
-- URANYL NITRATE-ETHER
2-1865
-- URANYL NITRATE-WATER ORGANIC SOLVENTS
2-1741
-- URANYL SULFATE-WATER
1-1225 1-1970

PHENANTHRENE
-- RADIATION DETECTION USES
1-1646 2- 191 2- 960 2- 975 2-1422
3- 635
-- SYNTHESIS OF LABELED
1- 760
PHENAZINE
-- ENERGY LEVELS IN CRYSTALS
2-1453
PHENAZINE DYES
-- HEPARIN INACTIVATION BY
2-1328
PHENERGAN
SEE ANTIHISTAMINIC DRUGS
PHENOL P AMINO
-- EMULSION DEVELOPMENT USES
1-1443
PHENOL METHYL-P-AMINO-
-- EMULSION DEVELOPMENT USES
1-1443
PHENOL DINITRO-
-- EFFECT ON PROTEIN METABOLISM
1- 377
PHENOXYACETIC ACID DERIVATIVES
-- SYNTHESIS OF LABELED
3-1883
PHENYLALANINE
-- METABOLISM OF
1-1354 2- 667 3-1808
-- SYNTHESIS OF LABELED
2-2091 3-1808
PHENYLANTHRANILIC ACID
-- ANALYTICAL REAGENT FOR CE
1-1940
PHENYLBENZYL GLYOXALIDONE
SEE GLYOXALIDONE PHENYLBENZYL
PHENYLGLYOXAL
SEE GLYOXAL PHENYL-
PHENYLHYDRAZINE
-- EFFECTS ON BLOOD CELLS
1- 602 1- 608
PHOSGENE
-- SYNTHESIS OF LABELED
1- 64
PHOSPHATASE
-- EFFECTS OF RADIATION ON
3- 515
-- METABOLISM PROCESSES INVOLVING
1- 863
-- ROLE IN YEAST METABOLISM
3- 20
PHOSPHATE FERTILIZERS
-- SYNTHESIS OF LABELED
3- 951 3-1634
PHOSPHATE ROCK
-- DETERMINATION OF MOLYBDENUM IN
3- 635
-- DETERMINATION OF RARE EARTHS IN
3- 635
PHOSPHOGLUCOMUTASE
-- MECHANISM OF ACTION
3-2060
PHOSPHOGLYCERALDEHYDE OXIDASE
-- EFFECTS OF RADIATION ON
3- 957

PHOSPHOGLYCERIC ACID
-- METABOLISM PRODUCT
3-1080
-- SEPARATION PROCEDURES
3-1790
PHOSPHOGLYCERIC MUTASE
-- MECHANISM OF ACTION
3-2060
PHOSPHOLIPIDS
-- EFFECTS OF URANIUM COMPOUNDS ON METABOLISM OF
2- 406
-- METABOLISM OF
2- 339 2-1151 2-1463
PHOSPHONATES FLUORO
-- DETERMINATION OF FLUORINE IN
1-1784
PHOSPHOPROTEINS
-- METABOLISM OF
2-1856 3-2075
PHOSPHORIC ACIDS ALKYL
-- ISOLATION AND IDENTIFICATION
1-1100
PHOSPHORUS
-- ANALYSIS
1- 255 3- 610
-- CROSS SECTION NEUTRON
1-1631 2-1393
-- METABOLISM STUDIES WITH ISOTOPES
1- 47 1- 374 1- 382 1- 389 1- 391
1- 392 1- 395 1- 401 1- 573 1- 574
1- 575 1- 580 1- 581 1- 582 1- 709
1- 715 1- 717 1- 863 1- 865 1- 869
1- 874 1- 876 1-1051 1-1053 1-1058
1-1062 1-1217 1-1508 1-1510 1-1742
2- 333 2- 338 2- 339 2- 673 2- 882
2-1027 2-1151 2-1152 2-1299 2-1461
2-1463 2-1856 2-2053 3- 593 3- 616
3- 625 3- 942 3-1322 3-1804
-- PLANT UTILIZATION OF
3-1505 3-1506 3-1507 3-1508
-- PROPERTIES NUCLEAR
2- 846
PHOSPHORUS ISOTOPES
-- BIOLOGICAL EFFECTS
1- 605
-- FORMATION OF
1- 67
-- PROPERTIES NUCLEAR
1-1700
-- THERAPEUTIC USES
1- 850 1-1038 1-1199
-- TRACER APPLICATIONS
1- 709 1- 874 1-1051 2- 67 2- 672
PHOSPHORUS P 31
-- CROSS SECTION NEUTRON
1-1294 3-1136
-- PROPERTIES NUCLEAR
1- 295 1-1294 2-1404 2-1813 2-1918
3-1403 3-1408 3-1720 3-1749
-- RADIATION ABSORPTION BY
3-1720
PHOSPHORUS P 32
-- ANALYSIS RADIOMETRIC
2-1635 3-1809 3-2302
-- BIOLOGICAL EFFECTS
1- 25 1- 38 1- 40 1- 229 1- 233
1- 235 1- 416 1- 747 1- 892 1- 893
1- 901 1-1696 1-1760 2- 37 3- 9
3- 209 3- 504 3- 520 3-1040 3-1194
3-2087
-- DECONTAMINATION PROCEDURES FOR
3-2090 3-2091
-- DIAGNOSTIC USES
3- 67
-- DOSAGE DETERMINATIONS
2- 856
-- FORMATION OF
1- 62 1- 469 3-1749 3-2272
-- PROPERTIES CHEMICAL
3-2272
-- PROPERTIES NUCLEAR
1- 40 1- 456 1- 988 1- 996 1-1324
1-1660 2- 201 2- 597 2- 808 3- 890
3- 910 3-1032 3-1431 3-1462 3-1475
3-1746 3-1749 3-1754 3-1989
-- RADIOAUTOGRAPHIC USES
1- 337 1-1332 1-1491 2- 37 3- 28
3-1805 3-2077
-- THERAPEUTIC USES
1- 350 1- 352 1- 353 1- 472 1- 557
1- 558 1- 560 1-1196 1-1197 1-1198
1-1332 1-1494 2- 306 2- 856 2- 857
3- 263 3- 264 3- 571 3- 583 3- 924
3- 926 3-1519 3-1647 3-1749 3-2092
3-2108
-- TRACER APPLICATIONS
1- 40 1- 47 1- 255 1- 374 1- 382
1- 389 1- 391 1- 392 1- 395 1- 573
1- 574 1- 575 1- 579 1- 580 1- 581
1- 582 1- 715 1- 717 1- 863 1- 865
1- 868 1- 869 1- 876 1-1053 1-1058
1-1062 1-1217 1-1391 1-1508 1-1510
1-1742 2- 333 2- 338 2- 339 2- 666
2- 671 2- 673 2- 882 2-1027 2-1151
PHOSPHORUS P 32
-- TRACER APPLICATIONS
2-1152 2-1296 2-1299 2-1455 2-1461
2-1463 2-1725 2-1853 2-1855 2-1856
2-2051 2-2053 2-2054 2-2229 2-2235
3- 28 3- 37 3- 70 3- 268 3- 268
3- 276 3- 593 3- 597 3- 600 3- 601
3- 604 3- 610 3- 614 3- 615 3- 616
3- 625 3- 926 3- 937 3- 939 3- 942
3- 951 3-1193 3-1194 3-1322 3-1505
3-1506 3-1507 3- 508 3-1630 3-1633
3-1634 3-1790 3-1796 3-1803 3-1804
3-1805 3-1809 3-2052 3-2059 3-2060
3-2065 3-2075 3-2272
-- USES IN SYNTHESES
2- 438 3- 646 3- 951
PHOSPHORUS P 34
-- PROPERTIES NUCLEAR
3-1402
PHOSPHORUS COMPOUNDS
-- EFFECTS OF RADIATION ON
3-2272
-- PHOSPHINE
2- 330
-- PHOSPHORIC ACIDS ALKYL
1-1100
-- PHOSPHORUS OXYCHLORIDE
3-1867
-- PHOSPHORUS PENTOXIDE
3- 520
-- PHOSPHORUS TRICHLORIDE
2- 438
-- PHOSPHORUS TRIFLUORIDE
2-1918
PHOSPHORYLASE
-- METABOLISM PROCESSES INVOLVING
1-1217
PHOTOFLUOROMETERS
SEE FLUOROPHOTOMETERS
PHOTOGRAPHIC FILM DETECTORS
-- COSMIC RADIATION DETECTION WITH
1- 303 1- 628 1-1151 1-1259 1-1300
1-1302 1-1401 1-1422 1-1801 1-1843
2- 109 2- 211 2- 535 2-1107 2-1191
2-1192 2-1195 2-1347 2-1352 2-1549
2-1551 2-1767 2-1770 3- 122 3- 126
3- 361 3- 364 3- 371 3- 721 3- 725
3- 744 3- 976 3-1294 3-1371 3-1381
3-1686 3-1700 3-1917 3-1919 3-1920
3-1987 3-2192 3-2195 3-2199 3-2201
3-2202
-- USES AND TECHNIQUES
1- 148 1- 219 1- 285 1- 490 1- 505
1- 659 1- 662 1- 663 1- 664 1- 795
1- 798 1- 979 1- 994 1-1013 1-1114
1-1147 1-1152 1-1156 1-1202 1-1293
1-1301 1-1308 1-1420 1-1441 1-1443
1-1535 1-1643 1-1700 1-1752 1-1855
1-1872 1-1877 1-1880 2- 168 2- 209
2- 211 2- 214 2- 553 2- 555 2- 636
2- 808 2- 814 2- 956 2- 959 2- 963
2- 964 2- 966 2-1048 2-1099 2-1107
2-1109 2-1224 2-1253 2-1255 2-1256
2-1257 2-1300 2-1411 2-1424 2-1634
2-2006 2-2172 2-2174 3- 27 3- 352
3- 427 3- 434 3- 436 3- 447 3- 453
3- 820 3- 823 3- 825 3- 826 3- 836
3- 844 3- 912 3-1002 3-1005 3-1009
3-1013 3-1154 3-1155 3-1156 3-1275
3-1293 3-1294 3-1437 3-1438 3-1590
3-1594 3-1597 3-1711 3-1737 3-1987
3-1997 3-2001 3-2004 3-2017 3-2273
3-2294 3-2302 3-2307 3-2313 3-2314
3-2315
PHOTOGRAPHIC MATERIALS
-- URANIUM IMPURITIES IN
2-1302
PHOTOGRAPHY EXPOSURE METERS
-- CONSTRUCTION AND OPERATION
1-1121 3- 231
PHOTOMETERS
SEE SPECTROPHOTOMETERS
PHOTOMULTIPLIER TUBES
SEE ALSO DARK TRACE ELECTRONMULTIPLIER VACUUM AND X-RAY TUBES
-- CONSTRUCTION AND OPERATION
3- 384
-- RADIATION DETECTION USING
1- 502 1- 660 1- 992 1- 995 1-1148
1-1149 1-1297 1-1442 2- 183 2- 191
2- 209 2- 210 2- 973 2-1101 2-1418
3- 437 3- 457 3-1044 3-1992

PHOTONS
SEE ALSO RADIATION
-- DETECTION AND MEASUREMENT
1- 149 1- 150 1- 954 1-1297 1-1644
1-1915 2- 809 2-1108
-- DIFFUSION AND SCATTERING
1- 189 1-1080 1-1675 1-1943
-- IN COSMIC RADIATION
1- 78 1- 457 1-1552 2-1067 2-1189
2-1194 2-1205 2-1355 2-1553 2-1559
2-1567 2-1904 2-1908 2-1910 2-2098
3- 124 3- 127 3- 974

PHOTONS
-- SOURCES AND STANDARDS
3- 709
PHOTOSYNTHESIS
-- CARBON METABOLISM IN
1-1354 2- 665 2-1293 3-1080 3-1323
3-1624
-- EFFECTS OF URANIUM COMPOUNDS ON
1- 748
-- HYDROGEN TRANSFER IN
2-1294
-- ISOTOPES EFFECTS IN
2- 412 2-1182
-- OXYGEN EVOLUTION IN
2- 712
-- PREPARATION OF LABELED COMPOUNDS USING
1- 61 3- 525 3- 527 3- 528 3-2136
PHYSICAL CONSTANTS
-- FOR NUCLEAR PHYSICS
3-1733
PIGEONS
-- METABOLISM AND TOXICOLOGY STUDIES
1- 382 1- 574 1- 575 2-1346 3- 600
PILES
SEE REACTORS
PINEAL GLANDS
-- METABOLISM OF CARBOHYDRATES IN
1-1510
-- METABOLISM OF PHOSPHORUS IN
1- 874
PIPE LINE FLOW
-- MEASUREMENT OF
3- 960
PIPING SYSTEMS
-- FLUID FRICTION IN
3-1672
-- GAUGES AND FITTINGS
3-2173
PITCHBLENDE
SEE URANIUM ORES
PITUITARY DISEASES
-- RADIATION THERAPY
1-1708 3-1183
PITUITARY GLANDS
-- EFFECTS OF RADIATION ON
1- 736 1-1532 3- 503 3- 587 3-1046
3-1066
-- METABOLISM OF IODINE IN
3-2069
-- METABOLISM OF PHOSPHORUS IN
1- 874
PLANKTON
-- METABOLISM AND TOXICOLOGY STUDIES
3- 604 3-1804
PLANT GROWTH REGULATORS
-- SYNTHESIS OF LABELED
3-1683
PLANTS
SEE ALSO ALGAE FUNGI MOLDS AND
YEASTS
SEE ALSO ROOTS AND SEEDS
-- EFFECTS OF RADIATION ON
1- 40 1- 231 1- 233 1- 236 1- 605
1- 698 1- 901 1-1244 1-1245 1-1385
1-1762 1-1770 2- 35 2- 37 2- 44
2-1060 2-1299 2-1506 2-2076 3- 199
3- 508 3- 520 3-1039 3-1811
-- GROWTH STIMULATION BY RADIOACTIVITY
1- 254 1- 695 1-1385 3-1173 3-1174
3-1883
-- METABOLISM STUDIES
1- 396 1- 709 1-1356 2- 201 2- 333
2- 344 2- 347 2- 412 2- 864 2-1182
2-1725 2-1854 2-1855 2-2235 3- 28
3- 597 3- 616 3- 942 3- 951 3-1323
3-1505 3-1506 3-1507 3-1508 3-1804
-- TRANSMUTATION OF POTASSIUM BY
3-2040
-- URANIUM CONTENT
3- 320
PLASTICS
SEE ALSO SUBHEADS FLUOROCARBONS AND
HALOCARBONS UNDER FLUORINE COMPOUNDS
-- EFFECTS OF RADIATION ON
1- 332 3-1147
-- INSULATION PROPERTIES
2-1374
-- PROPERTIES PHYSICAL
1-1587
PLATINUM
-- ANALYSIS
2-1305
-- ELECTRON EMISSION FROM
3-1458
-- PROPERTIES NUCLEAR
1-1477 2-2027 3- 887
-- RADIATION ABSORPTION BY
3- 986
-- RADIATION SCATTERING BY
1- 1 1- 2 3- 712
PLATINUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 922 3- 135 3-2223
-- FORMATION OF
1- 670
PLATINUM ISOTOPES
-- PROPERTIES NUCLEAR
2-2027 3-2253
PLATINUM PT-193
-- PROPERTIES NUCLEAR
1-1191
PLATINUM PT-199
-- CROSS SECTION NEUTRON
1- 136 2-1600
PLUTONIUM
-- ANALYSIS
1- 417 1-1204 2-1333 3-1333 3-2321
-- DISCOVERY AND NAMING
1-1513 3- 678 3-1670
-- FISSION OF
2- 351 2- 392 2- 774 3-1252
-- METABOLISM AND TOXICOLOGY
1- 16 1- 40 1- 42 1- 417 1- 613
1-1534 2- 407 2-1181 2-1326 2-1757
2-2083 3- 17 3- 18 3- 216 3-1047
3-1178
-- OXIDATION AND REDUCTION STATES
1- 209 1- 720 2-1034 2-1161 2-1474
2-1481 2-1736 2-1737 2-1738 3- 318
-- PRODUCTION
1- 397 1- 601 1- 888 2-1312 3- 317
3-1670
-- PROPERTIES CHEMICAL
1- 207 1- 208 1- 397 1- 719 1-1959
2- 351 2- 678 2- 774 2-1034 2-1373
2-1472 2-1474 2-1481 2-1484 2-1486
2-1736 2-1737 2-1738 3- 318
- PROPERTIES METALLURGICAL
1-1959
-- PROPERTIES NUCLEAR
1-1068 1-1359
-- PROPERTIES PHYSICAL
1- 207
-- SEPARATION METHODS
2-1481 3-1670
-- SPECTRA
1-1220 1-1221 1-1961 2- 677 3-1301
-- STRUCTURE ATOMIC
2-1033 2-1479
PLUTONIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1962
-- RADIOGRAPHIC USES
2-1002
-- TRACER APPLICATIONS
2-1326
PLUTONIUM PU 234
-- PROPERTIES NUCLEAR
1-1229 2-2059
PLUTONIUM PU 236
-- FORMATION OF
1-1229 2-1477 2-1489
-- PROPERTIES NUCLEAR
2-1489
PLUTONIUM PU 237
-- FORMATION OF
2-1477 2-1489
-- PROPERTIES NUCLEAR
2-1489
PLUTONIUM PU 238
-- FORMATION OF
1- 879 2-1477
-- PROPERTIES NUCLEAR
2-1473 3- 873
PLUTONIUM PU 239
-- BIOLOGICAL EFFECTS
1- 416
-- FISSION OF
2-1739 2-1864 2-1988 3-1585 3-1707
3-2244
-- FORMATION OF
1- 731 2-1478
-- PROPERTIES NUCLEAR
1- 1 1- 206 1-1065 2-1306 3- 317
3-2321
-- TRACER APPLICATIONS
3-1047
PLUTONIUM PU-240
-- FORMATION OF
2-1489
PLUTONIUM PU 241
-- FORMATION OF
2-1489
-- PROPERTIES NUCLEAR
1-1066
PLUTONIUM COMPOUNDS
-- ORGANIC DERIVATIVES
2-1474 2-2239
-- PLUTONATE CESIUM CHLORO
1- 584
-- PLUTONATE SODIUM FLUO-
1- 762
-- PLUTONIUM AMMONIUM SULFATE
2-1471
-- PLUTONIUM BROMIDES
2-1483 3- 105
-- PLUTONIUM CARBIDE
1-1067
-- PLUTONIUM CHLORIDES
1- 720 1-1218 1-1219 2-1484 3- 105

PLUTONIUM COMPOUNDS
-- PLUTONIUM FLUORIDES
1-1219 2-1467 3- 105
-- PLUTONIUM HYDRIDE
1- 719
-- PLUTONIUM NITRATE
1- 720
-- PLUTONIUM NITRIDE
1-1067
-- PLUTONIUM OXIDES
1-1219 2-1472 2-1486 3- 104
-- PLUTONIUM OXYCHLORIDE
2-1485
-- PLUTONIUM OXYSULFIDE
3- 666
-- PLUTONIUM PERCHLORATES
2-1034
-- PLUTONIUM PHOSPHATES
1-1222 2-1482
-- PLUTONIUM POTASSIUM SULFATE
2-1471
-- PLUTONIUM RUBIDIUM SULFATE
2-1471
-- PLUTONIUM SILICIDE
1- 585
-- PLUTONIUM SULFIDE
3- 665
-- PLUTONYL ACETATE SODIUM
1- 720
POLLEN
-- EFFECTS OF RADIATION ON
1- 243
POLONIUM
-- ELECTRODEPOSITION OF
3- 641
-- METABOLISM AND TOXICOLOGY
3- 15 3- 17 3- 18 3- 536
-- PRODUCTION
1-1623
-- PROPERTIES CHEMICAL
1-1021
-- PROPERTIES NUCLEAR
1- 5 2- 292 2- 621 2- 641 3- 536
3-1138 3-1989 3-2274
-- PROPERTIES PHYSICAL
3- 536
POLONIUM ISOTOPES
-- PROPERTIES NUCLEAR
2-1273 2-1383 3-2249
POLONIUM PO-208
-- FORMATION OF
2-1991
POLONIUM PO-210
-- CROSS SECTION DEUTERON
2- 384
POLONIUM PO-212
-- PROPERTIES NUCLEAR
1- 839 1-1926 1-1930 2- 550 2- 847
2-1440 3- 162
POLONIUM PO-213
-- PROPERTIES NUCLEAR
1-1316
POLONIUM PO-214
-- PROPERTIES NUCLEAR
1- 293 1-1189 1-1925 3-1030
POLONIUM PO-215
-- PROPERTIES NUCLEAR
1- 192
POLONIUM PO-218
-- PROPERTIES NUCLEAR
2- 843 3- 184
POLYCYTHEMIA
SEE BLOOD DISEASES
POLYETHYLENE PLASTICS
-- COATINGS FOR CONCRETE
3-2117
POLYSTYRENE CHLORIDE
-- EFFECTS OF RADIATION ON
3-1147
POLYVINYL CHLORIDE
-- EFFECTS OF RADIATION ON
3-1147
POPPY
-- CONSTRUCTION AND OPERATION
2- 182
PORPHYRINS
-- METABOLISM OF
1- 363 1- 608 2- 332 3- 607
POSITRONS
SEE ALSO BETA PARTICLES NUCLEAR
PARTICLES AND RADIATION
-- ANNIHILATION
1- 162 1- 220 1- 225 1- 802 1- 804
1- 805 1- 866 1-1520 2-1431 3- 863
-- DETECTION AND MEASUREMENT
1- 146 1- 149 2- 220
-- DIFFUSION AND SCATTERING
1- 225 2- 2 2-1750
-- FROM BROMINE ISOTOPES
1-1705
-- FROM CARBON ISOTOPES
2-1141
-- FROM CERIUM ISOTOPES
1-1042 3-1310
-- FROM CHLORINE ISOTOPES
2-1272 3-1744
POSITRONS
-- FROM COBALT ISOTOPES
3- 177
-- FROM COPPER ISOTOPES
1- 696 1-1325 2- 218 2- 282 3-1463
3-1747
-- FROM FLUORINE ISOTOPES
1- 836 3- 493
-- FROM GERMANIUM ISOTOPES
2- 299
-- FROM KRYPTON ISOTOPES
1-1482
-- FROM LANTHANUM ISOTOPES
1- 703 1-1042
-- FROM NEODYMIUM ISOTOPES
2-1449
-- FROM NICKEL ISOTOPES
3- 889
-- FROM NITROGEN ISOTOPES
1-1035 2-1265
-- FROM OXYGEN ISOTOPES
2-1141
-- FROM PHOSPHORUS ISOTOPES
1-1324 1-1660
-- FROM POLONIUM ISOTOPES
3-1030
-- FROM RUBIDIUM ISOTOPES
2-1077
-- FROM RUTHENIUM ISOTOPES
1- 544
-- FROM SELENIUM ISOTOPES
1-1482
-- FROM SILVER ISOTOPES
3- 174
-- FROM TECHNETIUM ISOTOPES
2- 639
-- FROM TIN ISOTOPES
3-1477
-- THEORY OF
3-2035
-- WAVE EQUATIONS FOR
3-2035
POTASSIUM
-- ANALYSIS
1- 56 2- 428
-- METABOLISM STUDIES WITH ISOTOPES
1-12123-0602 3-0626
-- PRODUCTION
1-1623 1-1629
-- PROPERTIES CHEMICAL
2- 74
-- PROPERTIES NUCLEAR
2- 518
-- PROPERTIES PHYSICAL
1-1312 3-1904
-- RADIATION ABSORPTION BY
3-1396
-- TRANSMUTATION BY PLANTS
3-2040
POTASSIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 112 2- 149 2- 483 2- 950
-- SEPARATION METHODS
2- 153 2- 154
-- TRACER APPLICATIONS
3- 626
POTASSIUM K-39
-- CROSS SECTION NEUTRON
3-1136 3-1396
-- PROPERTIES NUCLEAR
2-1404
POTASSIUM K-40
-- PROPERTIES NUCLEAR
1- 695 1- 841 1-1410 1-1481 1-1593
1-1822 2- 295 2- 635 2- 990 2-1790
2-2024 2-2029 3- 173 3- 175 3- 183
3- 875 3- 894 3-1595 3-1746 3-1912
-- SPECTRA
1-1903
POTASSIUM K-42
-- PROPERTIES NUCLEAR
1-1184 3- 888
-- TRACER APPLICATIONS
1-1212 2- 668 2- 671 2-1018 2-2231
3- 602 3- 619
POTASSIUM K-43
-- FORMATION OF
2-1134
-- PROPERTIES NUCLEAR
2-1134
POTASSIUM ALLOYS
-- PROPERTIES PHYSICAL
2- 161 3- 342
POTASSIUM COMPOUNDS
-- POTASSIUM BOROHYDRIDE
1- 756
-- POTASSIUM BROMIDE
1-1578 2- 121 2- 348 2-1454 3- 437
3- 465 3- 2308
-- POTASSIUM CHLORATE
1-1586
-- POTASSIUM CHLORIDE
1-1578 2-1367 3-1730
-- POTASSIUM CHLOROGALLATE
2- 83 3-1201

POTASSIUM COMPOUNDS
-- POTASSIUM COPPER SULFATE
2- 945
-- POTASSIUM DICHROMATE
1-1586
-- POTASSIUM FERROCYANIDE
1- 755
-- POTASSIUM FLUOBORATE
2- 436
-- POTASSIUM FLUOCERATE
1- 762 1- 763
-- POTASSIUM FLUOLANTHANATE
1- 762 1- 763
-- POTASSIUM FLUORIDE
1- 590 1-1793
-- POTASSIUM FLUOTHORATE
1- 762 1- 763
-- POTASSIUM FLUOURANATE
1- 762 1- 763
-- POTASSIUM HYDROGEN FLUORIDE
1-1256 1-1257
-- POTASSIUM IODIDE
1- 660 1-1912 3- 437 3- 465 3- 535
3- 663 3-1095 3-1449 3-1801
-- POTASSIUM NITRITE
3- 663
-- POTASSIUM PERCHLORATE
3- 651
-- POTASSIUM PERMANGANATE
1-1586
-- POTASSIUM PEROXIDE
1-1573
-- POTASSIUM PLUTONYL SULFATE
2-1471
-- POTASSIUM PYROSULFATE
1-1969
-- POTASSIUM SILVER CYANIDE
1-1586
-- POTASSIUM THIOCYANATE
1- 710 1- 711 1- 845 3-1665
-- POTASSIUM URANIUM FLUORIDES
3-1354
-- POTASSIUM URANYL SULFATE
2-1039 2-1745
POTENTIOMETERS
-- CONSTRUCTION AND OPERATION
3- 751
POWDER METALLURGY
SEE METALLURGY POWDER
POWER PLANTS
-- DESIGN AND CHARACTERISTICS
2- 22 2-1409
-- THERMODYNAMICAL ANALYSIS OF
2- 22 2-1374
PRASEODYMIUM
-- ANALYSIS
1- 203 1-1939 2-1702 2-1704 2-1705
2-1709 2-2223
-- IONIZATION OF
2-1849
-- METABOLISM AND TOXICOLOGY
2-1181
-- SEPARATION METHODS
1- 203 1-1713 3- 300
-- PROPERTIES NUCLEAR
2-1449
-- SPECTRA
1-1938 3- 664
PRASEODYMIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 706
-- PROPERTIES NUCLEAR
2- 285
PRASEODYMIUM PR-140
-- FORMATION OF
2-1617
PRASEODYMIUM PR-141
-- PROPERTIES NUCLEAR
2- 284 2-1617 3- 761 3-1397
PRASEODYMIUM PR-142
-- PROPERTIES NUCLEAR
2-2042 3-1311
PRASEODYMIUM PR-143
-- FORMATION OF
1-1203
-- PROPERTIES NUCLEAR
2- 284 3-2332
PRASEODYMIUM PR-144
-- RADIOGRAPHIC USES
3-1673
-- THERAPEUTIC USES
3-1521
PRASEODYMIUM COMPOUNDS
-- PRASEODYMIUM ACETYLACETONATE
1-1716 2- 864
-- PRASEODYMIUM BROMIDE
1- 588
-- PRASEODYMIUM CHLORIDE
1- 588
-- PRASEODYMIUM HYDROXIDE
1- 588
-- PRASEODYMIUM OXIDES
2- 652 3-1096
-- PRASEODYMIUM PERCHLORATE
1-1938
PRASEODYMIUM COMPOUNDS
-- PRASEODYMIUM PHOSPHATES
1- 705 1-1712
PRESSURE CONTROLLERS
-- CONSTRUCTION AND OPERATION
3-1387
PRESSURE GAUGES
SEE GAUGES
PROCAINE DIBROMO
-- ANESTHETIC USES
3- 624
-- SYNTHESIS OF LABELED
1-1103
PROGESTERONE
-- RADIATION SICKNESS THERAPY USING
3-1812
-- SYNTHESIS OF LABELED
2-1546
PROMETHEUM
-- ABUNDANCE AND DISTRIBUTION
3- 678
-- ANALYSIS
1- 852 2-1703 2-1709
-- DISCOVERY AND NAMING
1-1045 2- 651
-- METABOLISM AND TOXICOLOGY
2-1181 3- 524
-- PROPERTIES CHEMICAL
2- 678
-- SEPARATION METHODS
1- 852
-- SPECTRA
1- 702 2- 648 2- 863 2-1282 2-1717
2-1718
PROMETHEUM ISOTOPES
-- FORMATION OF
2-1675 2-2220
PROMETHEUM PM-147
-- ISOTOPIC SEPARATION
1-1282
PROMETHEUM COMPOUNDS
-- PROMETHEUM CHLORIDE
1- 852
-- PROMETHEUM NITRATE
1- 852
PROPANDIOL PHOSPHATE
-- SEPARATION PROCEDURES
3-1790
PROPANE
-- CROSS SECTION NEUTRON
3-1391
-- DECOMPOSITION OF
3- 638
-- ISOTOPES EFFECTS IN PYROLYSIS
1-1554
-- PROPERTIES CHEMICAL
3-1886
PROPANE 3 CHLORO 1-TRIFLUORO
-- USES IN SYNTHESES
1-1589
PROPANE 1 MONODEUTERO
-- SPECTRA MASS
1-1211
PROPANE 2 MONODEUTERO
-- SPECTRA MASS
1-1211
PROPANE 1 TRIFLUORO
-- SYNTHESIS OF
1-1589
PROPANEDITHIOL-1 3
-- EFFECTS OF RADIATION ON
3-1877
PROPANEDITHIOL N PHENYLAMINO
-- EFFECTS OF RADIATION ON
3-1877
PROPANOL
SEE PROPYL ALCOHOL
PROPANOL 2-3 DITHIO
-- URANIUM POISONING THERAPY USING
2- 47
PROPENE-1
-- SYNTHESIS OF LABELED
1- 433
PROPORTIONAL COUNTERS
-- CONSTRUCTION AND OPERATION
1- 771 1- 922 1-1118 1-1132 1-1650
1-1880 2- 162 2- 187 2- 213 2- 812
2- 967 2- 968 2-1416 2-2176 3- 442
3- 451 3- 821 3- 837 3-1151 3-1436
3-2309 3-2310
-- COSMIC RADIATION DETECTION WITH
2-1204 2-1555 2-1556 2-1557 2-1601
2-1826 3- 727
PROPYL ALCOHOL
-- NEUTRON RETARDATION BY
1- 291
PROPYL ALCOHOL BETA TRIFLUORO-
-- SYNTHESIS OF
1-1589
PROPYLENE
-- PROPERTIES CHEMICAL
3- 949
PROPYLENE HEXACHLORO
-- SYNTHESIS
2- 130

PROPYLTHIOURACIL
SEE THIOURACIL PROPYL-
PROSPECTING
SEE ORES AND MINERALS
SEE SUBHEADS ANALYSIS RADIOMETRIC AND DETECTION OF UNDER SPECIFIC ORES SUCH AS URANIUM ORES AND THORIUM ORES
SEE SUBHEAD RADIATION LOGGING OF UNDER PETROLEUM
PROSTATE GLAND DISEASES
-- RADIOISOTOPES THERAPY
3-2111
PROTAMINE SULFATE
-- RADIATION SICKNESS THERAPY USING
1- 324 1-1314 2-2193
PROTEINS
SEE ALSO CARBOHYDRATES ENZYMES HORMONES LIPIDS AND SPECIFIC AMINO ACIDS SUCH AS GLYCINE LISTED ALPHABETICALLY
SEE ALSO ADENOSINETRIPHOSPHATE AND SPECIFIC PURINE AND PYRIMIDINES LISTED ALPHABETICALLY
-- ALBUMIN
1- 383 1- 741 3- 19 3-2058
-- CASEIN
1- 383
-- CASEIN IODO-
2-1545
-- EFFECTS OF RADIATION ON
1- 26 1- 245 1- 741 3-1172
-- FIBROIN
3- 529
-- GLOBULIN
1- 383 2- 722
-- HEMOGLOBIN
1- 15 1- 40 1- 363 1- 388 1- 390
1- 608 1- 903 1-1195 2- 332 3-1797
-- METABOLISM PROCESSES INVOLVING
1- 15 1- 40 1- 363 1- 383 1- 388
1- 390 1- 608 1-1195 2- 332 2-1856
2-1858 2-2230 2-2236 3-1324 3-1798
-- NUCLEOPROTEINS
1- 26 1- 245 2-1856 3-1791
-- PHOSPHOPROTEINS
2-1856 3-2075
- PROTAMINES
1- 324 1-1314 2-2193
-- THYROGLOBULINS
3- 938
-- VITELLIN
1- 395
PROTOACTINIUM
-- ANALYSIS
2-1335
-- METABOLISM AND TOXICOLOGY
2-1181
-- OXIDATION AND REDUCTION STATES
1- 758
-- PROPERTIES CHEMICAL
2-1342 3- 959
-- SPECTRA
1-1221 2-1301
-- STRUCTURE ATOMIC
2-1479
PROTOACTINIUM PA 226
-- PROPERTIES NUCLEAR
2-1144
PROTOACTINIUM PA 227
-- PROPERTIES NUCLEAR
1- 835
PROTOACTINIUM PA 228
-- PROPERTIES NUCLEAR
1- 835
PROTOACTINIUM PA 229
-- FORMATION OF
2-1614
-- PROPERTIES NUCLEAR
2-1614 2-2194
PROTOACTINIUM PA-230
-- FORMATION OF
2-1614
-- PROPERTIES NUCLEAR
1-1189 2-1614 2-2059
PROTOACTINIUM PA 231
-- PROPERTIES NUCLEAR
2- 987 2-1614
PROTOACTINIUM PA 232
-- FORMATION OF
2-1488 2-1514
-- PROPERTIES NUCLEAR
2-1488 2-1614
PROTOACTINIUM PA 233
-- FORMATION OF
2-1488
-- PROPERTIES NUCLEAR
1-1698 2-1038
-- TRACER APPLICATIONS
2-1335
PROTOACTINIUM PA 234
-- PROPERTIES NUCLEAR
2-1875
PROTOACTINIUM COMPOUNDS
-- PROTOACTINIUM OXIDES
3- 677
PROTON MICROSCOPES
SEE ALSO ELECTRON MICROSCOPES AND ION MICROSCOPES
-- DESIGN AND CONSTRUCTION
2-1941
PROTONS
SEE ALSO NUCLEAR PARTICLES AND RADIATION
-- ABSORPTION
1-1234 2- 382 2- 383 2-1165 2-1500
2-1699 3- 710 3- 969 3-1220 3-1720
-- ACCELERATION OF
2-1096 2-1405 2-1407
-- BIOLOGICAL EFFECTS
1-1241 3-517
-- DETECTION AND MEASUREMENT
1- 149 1- 505 1- 664 1- 994 1-1152
1-1156 1-1441 2- 382 2- 546 2- 549
2- 964 2-1103 2-1107 2-1424 3- 823
3-1154 3-1437 3-1735 3-1997 3-2311
-- DIFFUSION AND SCATTERING
1- 4 1- 7 1- 8 1- 139 1- 142
1- 223 1- 402 1- 497 1- 507 1- 508
1- 597 1- 933 1-1081 1-1168 1-1434
1-1486 1-1634 1-1635 1-1639 1-1753
1-1656 1-1943 2- 4 2- 8 2- 173
2- 378 2- 388 2- 524 2- 534 2- 633
2- 776 2- 781 2- 893 2- 895 2- 936
2- 940 2-1045 2-1046 2-1047 2-1049
2-1169 2-1226 2-1389 2-1391 2-1499
2-1603 2-1805 2-1806 2-1829 2-1883
2-1884 2-1899 2-1987 2-2068 2-2071
2-2140 3- 155 3- 714 3- 987 3-1139
3-1221 3-1254 3-1257 3-1264 3-1266
3-1273 3-1281 3-1306 3-1395 3-1460
3-1576 3-1599 3-1602 3-1706 3-1710
3-1716 3-1947 3-2011 3-2031 3-2320
3-2370
-- FROM ALUMINUM ISOTOPES
2-1620 3-1716
-- FROM ARGON ISOTOPES
3- 792 3-2277
-- FROM BORON ISOTOPES
3- 792
-- FROM CARBON ISOTOPES
2-1799 2-2071
-- FROM DEUTERON DISINTEGRATION
1-1012
-- FROM HELIUM ISOTOPES
3-1420
-- FROM HYDROGEN ISOTOPES
3-1274 3-1718 3-2017
-- FROM MAGNESIUM ISOTOPES
2-1499 3- 791 3- 994
-- FROM MESON DISINTEGRATION
2- 114
-- FROM NITROGEN ISOTOPES
3-1273
-- FROM SYNCHROTRONS
3-2281
-- IN COSMIC RADIATION
2- 98 2- 101 2- 112 2- 113 2- 440
2- 445 2- 451 2- 742 2- 743 2-1196
2-1201 2-1349 2-1355 2-1362 2-1366
2-1777 2-1899 2-1905 2-1914 3- 365
3- 727 3-1118 3-1229 3-1563 3-1689
3-1921 3-1927
-- INTERACTION WITH PARTICLES
3-2316 3-2370
-- IONIZATION PRODUCED BY
2-2069 3-1260
-- MESON PRODUCTION BY
3-1224
-- NUCLEAR REACTIONS
1- 223 1- 295 1- 520 1- 815 1- 838
1- 884 1- 931 1- 987 1-1011 1-1015
1-1154 1-1307 1-1477 1-1506 1-1635
1-1702 1-1705 2- 13 2- 14 2- 293
2- 470 2- 524 2- 571 2- 572 2- 573
2- 574 2- 639 2- 640 2- 783 2- 992
2-1014 2-1094 2-1141 2-1264 2-1265
2-1438 2-1449 2-1497 2-1615 2-1616
2-1803 2-1972 2-2151 2-2152 2-2153
2-2209 2-2220 2-2222 3- 155 3- 399
3- 709 3- 790 3- 794 3- 795 3- 879
3- 887 3-1163 3-1227 3-1272 3-1276
3-1416 3-1417 3-1586 3-1605 3-1694
3-1725 3-1741 3-1752 3-1927 3-2327
3-2328 3-2337 3-2344
-- POLARIZATION OF
2-1093 3- 795
-- PROPERTIES
1- 654 1- 803 1- 809 2-1090 2-1383
2-1616 2-1979 3-1400 3-1739 3-2255
3-2262
-- RANGE-ENERGY RELATIONS
3-1219
-- SOURCES AND STANDARDS
2- 578 3-1573
-- SPIN AND MOMENT
1- 801 1-1866 1-1888 2- 537 2- 775
2-1089 2-1398 2-1428 2-1610 2-2185
3- 151 3- 152 3- 754 3- 855 3-1263
3-1403 3-1406 3-1943 3-2031 3-2032
3-2243 3-2265

PROTONS
-- WAVE EQUATIONS FOR
1-1464 1-1465 2- 606 2- 823 2-1884
3-1264 3-1460 3-1482 3-1497 3-1499
3-2320
PROTOZOA
SEE ALSO BACTERIA
-- EFFECTS OF RADIATION ON
1- 40 1- 232 1- 235 1-1529 1-1760
-- METABOLISM AND TOXICOLOGY STUDIES
3-1791
PULSE AMPLIFIERS
-- CONSTRUCTION AND OPERATION
2- 183 2- 213 2- 967 2-1414 2-1416
3-1436
PULSE ANALYZERS
-- CONSTRUCTION AND OPERATION
1-1120 2-1244 2-1413 2-1823 2-1929
2-2118 3- 425 3- 455 3- 846 3-1289
3-1440 3-1443 3-1567
PULSE GENERATORS
-- AUXILIARIES
3- 796
-- CONSTRUCTION AND OPERATION
1- 673 1- 776 2- 203 2- 579 2-1417
2-1925 2-1942 2-1947 3-1006 3-2215
PULSE TRANSFORMERS
-- CONSTRUCTION AND OPERATION
3- 799
PUMPS
-- CENTRIFUGAL
2-1433
-- DIFFUSION
1- 592 1- 594 1-1177 1-1750 1-1971
2- 277 2- 611 2- 612 3- 686 3-1545
3-1546 3-1901
-- FOR VACUUM SYSTEMS
1- 592 1- 594 1-1177 1-1178 1-1746
1-1747 2- 685 2-1044 2-1164 2-2247
3- 326 3- 327 3- 335 3- 690 3- 804
3-1104 3-1545 3-1546 3-1900 3-1901
-- FOR X-RAY EQUIPMENT
1-1750
-- MAGNETIC
3-1337
-- MISCELLANEOUS TYPES
3-1701
PURINES
SEE ALSO SPECIFIC PURINES SUCH AS
ADENINE
SEE ALSO PYRIMIDINES
-- ANALYSIS
2-1894
-- ANION EXCHANGE SEPARATION OF
2-2086
-- METABOLISM OF
3-1629
PYRIBENZAMINE
-- EFFECTS ON BLOOD SYSTEMS
3-2079
PYRIDOXINE
-- RADIATION SICKNESS THERAPY USING
2- 616 2- 985
PYRIMIDINES
SEE ALSO SPECIFIC PYRIMIDINES
SEE ALSO PURINES
-- ANALYSIS
2-1894
-- ANION EXCHANGE SEPARATION OF
2-2086
-- METABOLISM OF
3-1629
PYRUVIC ACID
-- METABOLISM OF
1-1238 2-1462 3- 944 3-1504 3-1626
3-1628
-- SYNTHESIS OF LABELED
1-1789 3-1526

QUANTUM MECHANICS
SEE ALSO CLASSICAL MECHANICS
COLLISION THEORY ELECTROMAGNETIC
FIELD THEORY MESON FIELD THEORY
PERTURBATION THEORY RELATIVITY
THEORY AND STATISTICAL MECHANICS
SEE ALSO SUBHEADING WAVE EQUATIONS
FOR UNDER NUCLEAR PARTICLES
PARTICLE SYSTEMS AND SPECIFIC
PARTICLES
SEE ALSO SUBHEADING QUANTUM MECHANICS
APPLICATION TO UNDER THERMODYNAMICS
1- 178 1- 185 1- 186 1- 187 1- 188
1- 189 1- 298 1- 318 1- 319 1- 320
1- 321 1- 513 1- 515 1- 520 1- 524
1- 527 1- 534 1- 535 1- 596 1- 653
1- 668 1- 683 1- 684 1- 685 1- 686
1- 687 1- 804 1- 808 1- 810 1- 832
1- 833 1-1026 1-1306 1-1313 1-1346
1-1438 1-1459 1-1461 1-1462 1-1463
1-1464 1-1465 1-1467 1-1468 1-1469
1-1470 1-1471 1-1472 1-1570 1-1571
1-1579 1-1580 1-1639 1-1674 1-1675
1-1676 1-1677 1-1678 1-1679 1-1680
1-1681 1-1682 1-1683 1-1684 1-1685
1-1687 1-1688 1-1689 1-1692 1-1694
1-1808 1-1919 1-1920 1-1921 2- 5

QUANTUM MECHANICS
2- 258 2- 259 2- 260 2- 261 2- 262
2- 263 2- 264 2- 265 2- 266 2- 267
2- 268 2- 269 2- 271 2- 272 2- 273
2- 274 2- 275 2- 276 2- 388 2- 567
2- 598 2- 599 2- 600 2- 601 2- 602
2- 603 2- 604 2- 607 2- 608 2- 609
2- 610 2- 726 2- 788 2- 818 2- 819
2- 820 2- 822 2- 823 2- 824 2- 825
2- 826 2- 829 2- 830 2- 831 2- 832
2- 833 2- 834 2- 977 2- 978 2- 979
2- 980 2- 981 2- 982 2-1073 2-1090
2-1091 2-1114 2-1115 2-1116 2-1117
2-1118 2-1119 2-1120 2-1121 2-1122
2-1123 2-1168 2-1230 2-1258 2-1259
2-1260 2-1261 2-1270 2-1275 2-1276
2-1427 2-1428 2-1429 2-1430 2-1431
2-1432 2-1498 2-1501 2-1552 2-1560
2-1603 2-1650 2-1651 2-1652 2-1653
2-1654 2-1805 2-1829 2-1830 2-1831
2-1832 2-1833 2-1834 2-1985 2-2012
2-2013 2-2014 2-2015 2-2016 2-2017
2-2018 2-2070 2-2181 2-2182 2-2183
2-2184 2-2185 2-2186 2-2187 2-2188
2-2189 2-2190 2-2191 2-2192 3- 156
3- 167 3- 168 3- 170 3- 402 3- 468
3- 470 3- 472 3- 473 3- 475 3- 476
3- 478 3- 480 3- 481 3- 482 3- 485
3- 852 3- 853 3- 856 3- 857 3- 861
3- 862 3- 866 3- 867 3- 868 3- 869
3- 870 3- 871 3- 872 3-1017 3-1018
3-1022 3-1027 3-1148 3-1158 3-1159
3-1169 3-1299 3-1301 3-1302 3-1303
3-1304 3-1305 3-1307 3-1308 3-1309
3-1367 3-1401 3-1475 3-1482 3-1483
3-1484 3-1485 3-1486 3-1487 3-1488
3-1489 3-1490 3-1493 3-1494 3-1495
3-1497 3-1498 3-1499 3-1615 3-1618
3-1620 3-1622 3-1762 3-1763 3-1767
3-1768 3-1772 3-1773 3-1774 3-1776
3-1777 3-1781 3-1783 3-2028 3-2030
3-2033 3-2034 3-2340 3-2345 3-2347
3-2348 3-2349 3-2350 3-2353 3-2354
3-2360 3-2361 3-2363 3-2364 3-2367
3-2369 3-2370
QUERCETIN
-- ANALYSIS
3- 89
QUINALIZARINE
-- ANALYTICAL REAGENT FOR U
1-1077

RABBITS
-- EFFECTS OF RADIATION ON
1- 32 1- 40 1- 602 1- 895 1- 897
1-1530 2- 25 2- 396 2- 398 2- 703
2- 705 2- 706 2-1176 2-1263 2-1509
3- 5 3- 201 3-1510 3-2078 3-2079
-- METABOLISM AND TOXICOLOGY STUDIES
1- 41 1- 46 1- 372 1- 391 1- 420
1- 606 1- 608 1- 611 1- 612 1- 749
1- 871 1-1093 1-1095 1-1096 1-1733
1-1736 1-1765 2- 281 2- 409 2- 410
2-1021 2-1026 2-1153 2-1158 2-1179
2-1278 2-1295 2-1298 2-1330 2-1455
2-1460 2-1462 2-1857 2-2048 2-2052
3- 70 3- 217 3- 218 3- 940 3- 944
3-1049 3-1177 3-1179 3-1180 3-1321
3-1322 3-1623 3-1801 3-1822 3-2041
3-2050 3-2068
RADIATION
SEE ALSO NUCLEAR PARTICLES MICROWAVES
AND SPECIFIC PARTICULATE AND WAVE
RADIATIONS
-- ABSORPTION
1- 991 1-1374 1-1517 1-1521 1-1522
2- 381 2- 385 3-1403 3-1433 3-2007
-- BIBLIOGRAPHY
1-1761
-- BIOLOGICAL EFFECTS
1- 13 1- 19 1- 20 1- 23 1- 24
1- 35 1- 37 1- 38 1- 84 1- 229
1- 236 1- 239 1- 240 1- 241 1- 265
1- 356 1- 404 1- 406 1- 410 1- 411
1- 412 1- 413 1- 414 1- 603 1- 604
1- 613 1- 637 1- 738 1- 744 1- 745
1- 746 1- 898 1- 900 1-1088 1-1091
1-1116 1-1180 1-1246 1-1247 1-1269
1-1384 1-1436 1-1532 1-1597 1-1598
1-1697 1-1761 1-1763 1-1923 2- 18
2- 19 2- 29 2- 31 2- 36 2- 38
2- 42 2- 43 2- 136 2- 397 2- 399
2- 403 2- 699 2- 709 2- 836 2- 838
2-1060 2-1127 2-2080 3- 199 3- 244
3- 508 3- 912 3-1036 3-1045 3-1169
3-1634 3-1835 3-1841 3-2101 3-2287
-- CHEMICAL EFFECTS
1- 197 1- 334 1- 547 1- 548 1-1194
3- 954 3-1045
-- DETECTION AND MEASUREMENTS
1- 278 1-1119 1-1147 1-1535 1-1674
2- 548 2- 552 2- 584 2- 956 2- 972
2-1097 3- 231 3- 447 3- 826 3- 841
3-1596

RADIATION
-- DIFFUSION AND SCATTERING
1- 221 1- 222 1- 320 1- 596 1-1080
1-1374 1-1459 1-1460 1-1517 1-1524
1-1577 1-1581 1-1644 1-1657 1-1676
1-1689 1-1874 2- 387 2- 605 2-1050
2-1498 2-2190 3- 854 3- 972 3-1300
3-2012 3-2361
-- DOSAGE DETERMINATIONS
1- 239 1- 452 1- 637 1-1597 2-1845
3- 534 3-1044 3-1835 3-2101
-- FROM NUCLEAR PARTICLE COLLISIONS
3-1706
-- IONIZATION PRODUCED BY
1- 894
-- NUCLEAR REACTIONS
1- 190
-- POLARIZATION OF
3-1614
-- PROPAGATION OF
2-1116 2-1432
-- PROPERTIES
2-1097
-- RADIOGRAPHIC USES
1- 338
-- SPIN AND MOMENT
1- 162
-- THEORY OF
1- 189 1- 524 1- 526 1- 534 1-1026
1-1461 1-1464 1-1465 1-1469 1-1675
1-1676 1-1678 1-1683 1-1684 1-1687
1-1688 1-1693 1-1920 2- 5 2- 17
2- 259 2- 269 2- 599 2- 603 2- 605
2- 606 2- 788 2- 823 2- 825 2- 827
2- 831 2- 979 2-1115 2-1116 2-1121
2-1275 2-1276 2-1432 2-1501 2-1552
2-1653 2-1830 2-2012 2-2188 2-2190
2-2191 2-2192 3-1492 3-1621 3-1762
3-1780 3-2012 3-2036 3-2316 3-2343
3-2347 3-2356 3-2357 3-2362 3-2365
3-2366
-- THERAPEUTIC USES
1- 347 1- 348 1- 356 1-1496 1-1535
2- 311 2-1445 2-1845 3-1070
-- WAVE EQUATIONS FOR
2- 264 2-1259 3-2347
RADIATION CHEMISTRY
SEE SUBHEAD CHEMICAL EFFECTS UNDER RADIATION AND SPECIFIC WAVE AND PARTICULATE RADIATIONS
SEE SUBHEAD EFFECTS OF RADIATION ON UNDER SPECIFIC ELEMENTS ORGANIC COMPOUNDS WATER ETC
RADIATION DETECTION INSTRUMENTS
SEE ALSO COINCIDENCE CIRCUITS OSCILLOGRAPHS AND OSCILLOSCOPES PULSE ANALYZERS PULSE GENERATORS RECORDING SYSTEMS AND SCALARS
RADIATION DETECTION INSTRUMENTS ARE ALSO LISTED ALPHABETICALLY UNDER SPECIFIC INSTRUMENTS SUCH AS CLOUD CHAMBERS ELECTROSCOPES GEIGER-MULLER COUNTERS IONIZATION CHAMBERS PARALLEL PLATE COUNTERS PHOTOGRAPHIC FILM DETECTORS PROPORTIONAL COUNTERS AND SCINTILLATION AND CRYSTAL COUNTERS
-- AUXILIARIES
3- 463 3- 819 3- 837 3-1008 3-1010
3-1153 3-1287 3-1436 3-1440 3-1443
3-1450 3-2218
-- BACKGROUND NOISE
2- 184 2- 185
-- BIBLIOGRAPHIES FOR
3-1991
-- ION CURRENT TYPE
1- 121 1- 294 1- 452 1- 503 1- 504
1- 974 1-1051 1-1118 1-1124 1-1147
1-1275 1-1276 1-1295 1-1378 1-1418
1-1647 1-1648 1-1663 1-1873 1-1878
1-1880 1-1931 2- 183 2- 225 2- 541
2- 544 2- 545 2-1098 2-1110 2-1411
2-1423 2-1519 2-1636 2-1637 2-1643
2-1644 2-1795 3- 240 3- 442 3- 445
3- 446 3- 534 3- 829 3-1229 3-1386
3-1574 3-1698 3-2200 3-2291 3-2292
3-2311
-- MISCELLANEOUS TYPES
1-1272 2- 556 2-1384 2-1418 3-1283
3-1432 3-1931 3-1993 3-1996 3-2002
3-2003 3-2006
-- PHOTOGRAPHIC EMULSION TYPES
1- 148 1- 219 1- 285 1- 303 1- 490
1- 505 1- 628 1- 659 1- 662 1- 663
1- 864 1- 795 1- 798 1- 979 1- 994
1-1013 1-1014 1-1114 1-1147 1-1151
1-1152 1-1156 1-1202 1-1259 1-1293
1-1300 1-1301 1-1302 1-1308 1-1401
1-1420 1-1422 1-1441 1-1443 1-1535
1-1643 1-1708 1-1752 1-1801 1-1843
1-1855 1-1877 1-1880 2- 109 2- 168
2- 205 2- 211 2- 214 2- 553 2- 555
2- 636 2- 808 2- 814 2- 956 2- 959
2- 963 2- 964 2- 966 2-1048 2-1099
2-1107 2-1109 2-1191 2-1192 2-1195

RADIATION DETECTION INSTRUMENTS
-- PHOTOGRAPHIC EMULSION TYPES
2-1224 2-1253 2-1255 2-1256 2-1257
2-1300 2-1347 2-1352 2-1411 2-1424
2-1549 2-1551 2-1634 2-1767 2-1770
2-2006 2-2171 2-2172 2-2174 3- 27
3- 122 3- 126 3- 352 3- 361 3- 364
3- 371 3- 427 3- 434 3- 436 3- 447
3- 453 3- 721 3- 725 3- 744 3- 820
3- 823 3- 825 3- 826 3- 836 3- 844
3- 912 3- 976 3-1002 3-1009 3-1013
3-1154 3-1155 3-1156 3-1293 3-1371
3-1381 3-1437 3-1590 3-1594 3-1597
3-1686 3-1700 3-1711 3-1737 3-2201
3-2202 3-2273 3-2294 3-2302 3-2313
3-2314 3-2315
-- PULSE TYPE
1- 93 1- 94 1- 95 1- 108 1- 151
1- 272 1- 293 1- 294 1- 439 1- 452
1- 459 1- 460 1- 461 1- 463 1- 494
1- 503 1- 504 1- 545 1- 639 1- 640
1- 641 1- 769 1- 771 1- 772 1- 773
1- 789 1- 796 1- 937 1- 941 1- 942
1- 946 1- 950 1- 952 1- 953 1- 954
1-1119 1-1123 1-1124 1-1128 1-1132
1-1133 1-1147 1-1273 1-1274 1-1378
1-1654 1-1655 1-1656 1-1868 1-1869
1-1871 1-1873 1-1879 1-1880 1-1915
2- 165 2- 179 2- 182 2- 183 2- 187
2- 188 2- 190 2- 195 2- 196 2- 197
2- 198 2- 200 2- 201 2- 202 2- 203
2- 206 2- 207 2- 208 2- 213 2- 215
2- 218 2- 226 2- 543 2- 544 2- 546
2- 549 2- 551 2- 552 2- 557 2- 558
2- 559 2- 560 2- 561 2- 562 2- 801
2- 810 2- 812 2- 813 2- 815 2- 816
2- 956 2- 957 2- 961 2- 967 2- 968
2- 971 2- 976 2-1102 2-1103 2-1105
2-1106 2-1109 2-1113 2-1204 2-1252
2-1340 2-1354 2-1368 2-1382 2-1411
2-1416 2-1419 2-1421 2-1425 2-1555
2-1556 2-1557 2-1631 2-1632 2-1633
2-1639 2-1645 2-1795 2-1801 2-1825
2-1826 2-1851 2-1864 2-1902 2-1905
2-2005 2-2008 2-2010 2-2011 2-2101
2-2167 2-2168 2-2170 2-2173 2-2175
2-2176 2-2179 3- 119 3- 162 3- 430
3- 431 3- 439 3- 440 3- 441 3- 442
3- 443 3- 451 3- 452 3- 454 3- 457
3- 464 3- 533 3- 706 3- 727 3- 821
3- 827 3- 830 3- 832 3- 837 3- 845
3-1006 3-1007 3-1011 3-1066 3-1151
3-1229 3-1288 3-1363 3-1431 3-1435
3-1436 3-1441 3-1442 3-1444 3-1445
3-1448 3-1451 3-1591 3-1592 3-1596
3-1736 3-1741 3-1988 3-1994 3-1998
3-2005 3-2293 3-2295 3-2296 3-2297
3-2299 3-2300 3-2301 3-2305 3-2306
3-2309 3-2310
-- SCINTILLATION AND CRYSTAL TYPES
1- 89 1- 91 1- 107 1- 109 1- 274
1- 660 1- 775 1- 992 1- 993 1- 995
1-1147 1-1148 1-1149 1-1297 1-1442
1-1515 1-1646 1-1653 1-1700 1-1915
2- 183 2- 191 2- 204 2- 209 2- 212
2- 226 2- 542 2- 545 2- 547 2- 548
2- 803 2- 809 2- 811 2- 815 2- 958
2- 960 2- 962 2- 970 2- 973 2- 975
2-1101 2-1108 2-1109 2-1111 2-1112
2-1247 2-1248 2-1250 2-1416 2-1420
2-1422 2-1638 2-1828 2-2004 2-2007
2-2009 3- 160 3- 161 3- 163 3- 432
3- 437 3- 438 3- 442 3- 456 3- 460
3- 465 3- 828 3- 831 3- 837 3- 838
3- 842 3- 843 3- 847 3- 848 3- 849
3- 851 3-1000 3-1001 3-1150 3-1295
3-1296 3-1363 3-1442 3-1449 3-1593
3-1598 3-1737 3-1992 3-1999 3-2303
3-2308
RADIATION HAZARDS AND PROTECTION
SEE ALSO DUST HAZARDS HEALTH PHYSICS RADIATION SICKNESS SHIELDING AND WASTE DISPOSAL RADIOACTIVE
SEE ALSO SUBHEADS BIOLOGICAL EFFECTS AND DOSAGE DETERMINATION UNDER RADIATION AND SPECIFIC PARTICULATE AND WAVE RADIATIONS AND RADIOISOTOPES
1- 35 1- 82 1- 83 1- 84 1- 85
1- 120 1- 121 1- 228 1- 265 1- 355
1- 361 1- 365 1- 452 1- 454 1- 456
1- 457 1- 468 1- 554 1- 555 1- 637
1- 766 1- 767 1- 941 1- 942 1- 943
1-1051 1-1115 1-1116 1-1268 1-1269
1-1356 1-1363 1-1412 1-1418 1-1493
1-1495 1-1531 1-1541 1-1598 1-1599
1-1624 1-1625 2- 6 2- 30 2- 31
2- 38 2- 39 2- 137 2- 138 2- 314
2- 379 2- 486 2- 488 2- 489 2- 490
2- 491 2- 492 2- 645 2- 655 2- 689
2- 838 2- 839 2- 840 2- 873 2- 956
2- 986 2-1075 2-1076 2-1127 2-1145
2-1284 2-1285 2-1286 2-1287 2-1288
2-1289 2-1290 2-1291 2-1526 2-1754

RADIATION HAZARDS AND PROTECTION
2-1792 2-1794 2-2057 2-2112 2-2115
2-2116 3- 26 3- 220 3- 221 3- 222
3- 223 3- 224 3- 225 3- 537 3- 538
3- 540 3- 541 3- 542 3- 543 3- 544
3- 546 3- 547 3- 561 3- 688 3- 911
3- 912 3- 913 3- 914 3- 933 3-1035
3-1138 3-1177 3-1329 3-1330 3-1411
3-1515 3-1625 3-1631 3-1642 3-1749
3-1834 3-1835 3-1836 3-1837 3-1841
3-1856 3-2092 3-2093 3-2094 3-2095
3-2096 3-2113 3-2121 3-2122 3-2224

RADIATION SICKNESS
SEE ALSO SUBHEAD BIOLOGICAL EFFECTS UNDER SPECIFIC RADIOACTIVE ISOTOPE AND SPECIFIC PARTICULATE AND WAVE RADIATION
-- SYMPTOMS
1- 23 1- 35 1- 241 1-1179 1-1180
1-1496 1-1532 1-1696 1-1697 1-1923
2- 24 2- 36 2- 279 2- 402 2- 615
2- 697 2- 836 2- 837 2- 838 2- 840
2- 983 2- 985 2-1127 2-1263 2-1434
2-1655 3- 4 3- 226 3- 227 3- 228
3- 229 3- 230 3- 542 3- 916 3-1055
3-1838 3-1839 3-1840 3-2097 3-2098
3-2100 3-2102
-- THERAPY
1- 322 1- 323 1- 324 1- 536 1-1314
1-1473 1-1695 1-1922 2- 26 2- 280
2- 281 2- 613 2- 614 2- 615 2- 616
2- 835 2- 837 2- 983 2- 984 2- 985
2-1126 2-1128 2-1434 2-1655 2-1656
2-2019 2-2193 3- 229 3- 244 3- 915
3- 916 3-1050 3-1054 3-1055 3-1644
3-1645 3-1821 3-1840 3-2088 3-2097
3-2099
RADIATION WELL LOGGING
SEE PETROLEUM RADIATION LOGGING OF
RADIOACTINIUM
SEE THORIUM TH-227 UNDER AIR WATER ETC
RADIOACTIVE CONTAMINATION
SEE SUBHEAD CONTAMINATION RADIOACTIVE
RADIOACTIVE SUBSTANCES ACT
3-1642
RADIOACTIVE WASTE DISPOSAL
SEE WASTE DISPOSAL RADIOACTIVE
RADIOACTIVITY
SEE ALSO DECAY SERIES PHYSICS NUCLEAR AND RADIATION DETECTION INSTRUMENTS
SEE ALSO SUBHEAD PROPERTIES NUCLEAR UNDER SPECIFIC ELEMENTS AND ISOTOPES
-- FUNDAMENTAL CONCEPTS
1- 178 1- 190 1- 193 1- 541 1- 545
1- 694 1-1032 1-1051 1-1286 1-1439
1-1758 2- 289 2- 300 2- 544 2- 623
2- 625 2- 626 2- 628 2- 798 2- 841
2- 849 2- 850 2- 937 2- 972 2- 988
2-1001 2-1097 2-1142 2-1145 2-1154
2-1246 2-1258 2-1266 2-1270 2-1273
2-1274 2-1411 2-1438 2-1439 2-1841
2-2000 2-2026 2-2030 2-2031 2-2057
2-2197 2-2198 2-2206 3- 186 3- 863
3- 878 3- 882 3- 892 3- 896 3- 901
3- 991 3-1031 3-1033 3-1148 3-1161
3-1165 3-1167 3-1269 3-1306 3-1466
3-1475 3-1606 3-1609 3-1756 3-1785
3-1786 3-2025 3-2027 3-2252
-- MEASUREMENT OF
1- 98 1- 102 1- 293 1- 690 1- 796
1-1147 1-1298 1-1299 1-1356 1-1610
1-1704 2- 189 2- 193 2- 195 2- 201
2- 202 2- 206 2- 214 2- 220 2- 807
2- 810 2- 844 2- 847 2- 957 2-1646
2-1647 2-2045 2-2177 3- 948 3-1149
3-1292 3-1297 3-1439 3-1447 3-1911
3-2002 3-2014 3-2025
RADIOAUTOGRAPHY
SEE SUBHEADS RADIOGRAPHIC USES AND RADIOAUTOGRAPHIC USES UNDER ISOTOPES RADIATION SPECIFIC RADIOACTIVE ISOTOPES SUCH AS PHOSPHORUS P-32 AND SPECIFIC PARTICULATE AND WAVE RADIATIONS
RADIOBIOLOGICAL APPARATUS
-- CONSTRUCTION AND OPERATION
3- 215
RADIOCARDIOGRAPHY
-- INSTRUMENTS FOR
2-1572
RADIOCHEMICAL LABORATORIES
SEE LABORATORIES RADIOCHEMICAL
RADIOGRAPHY
SEE SUBHEADS RADIOGRAPHIC USES AND RADIOAUTOGRAPHIC USES UNDER ISOTOPES RADIATION SPECIFIC RADIOACTIVE ISOTOPES SUCH AS PHOSPHORUS P-32 AND SPECIFIC PARTICULATE AND WAVE RADIATIONS
RADIOLESIONS
-- THERAPY FOR
3-1643

RADIOTHERAPY
SEE SUBHEAD THERAPEUTIC USES UNDER ISOTOPES RADIATION SPECIFIC RADIOACTIVE ELEMENTS AND ISOTOPES AND SPECIFIC WAVE AND PARTICULATE RADIATIONS
RADIUM
-- ANALYSIS
1- 415 1- 416 1- 422 1-1770 2- 30
2- 399 2-1128 2-1322 3- 544 3-1518
-- DOSAGE DETERMINATIONS
1- 610 2-1006 3- 566
-- IN OCEAN SEDIMENTS
2-1920
-- METABOLISM AND TOXICOLOGY
1- 16 1- 610 1-1765 2- 408 3- 16
3- 17 3- 18 3-1053
-- PRODUCTION
1- 125 1- 972 2- 361
-- PROPERTIES NUCLEAR
2- 841 3- 181 3- 883 3-1005 3-1138
3-1988
-- PROPERTIES PHYSICAL
3-1653
-- RADIOGRAPHIC USES
1-1933 2- 305
-- SEPARATION METHODS
2- 69 3-1538
-- SPECTRA
1-1221
-- STANDARDS
3- 181
-- THERAPEUTIC USES
2- 399 2- 859 2- 862 2-1004 2-1005
2-1006 2-1009 2-1146 2-1279 2-1846
2-1848 2-2036 2-2039 2-2211 3- 31
3- 49 3- 55 3- 232 3- 235 3- 236
3- 244 3- 252 3- 254 3- 549 3- 557
3- 558 3- 561 3- 565 3- 566 3- 584
3- 591 3- 918 3- 921 3- 923 3-1062
3-1069 3-1075 3-1078 3-1170 3-1182
3-1187 3-1331 3-1516 3-1517 3-1518
3-1520 3-1525 3-1527 3-1529 3-1530
3-1648 3-1845 3-1846 3-1847 3-1848
3-1850 3-1851 3-1852 3-1855 3-1857
3-1862 3-2105 3-2111 3-2114
-- TRACER APPLICATIONS
1-1831
RADIUM ISOTOPES
-- RADIOGRAPHIC USES
3-2170
RADIUM A
SEE POLONIUM PO-218
RADIUM B
SEE LEAD PB-214
RADIUM C
SEE BISMUTH BI-214
RADIUM D
SEE LEAD PB-210
RADIUM E
SEE BISMUTH BI-210
RADIUM RA 222
-- PROPERTIES NUCLEAR
1-1190
RADIUM RA 223
-- CROSS SECTION NEUTRON
2-1386
-- FISSION OF
2-1386
RADIUM RA 224
-- PROPERTIES NUCLEAR
3- 900
-- THERAPEUTIC USES
1- 341 1- 561 1-1492 2-1277
RADIUM RA 225
-- PROPERTIES NUCLEAR
1-1316
RADIUM RA 228
-- CROSS SECTION NEUTRON
2-1386
-- FISSION OF
2-1386
-- PROPERTIES NUCLEAR
2- 623 2-2203 3- 896
RADIUM COMPOUNDS
-- RADIUM BROMIDE
1- 980
-- RADIUM CHLORIDE
1- 621 1-1765
-- RADIUM SULFATE
1- 621
RADIUM ORES
-- OCCURRENCE
2- 482 3-1360
RADON
-- ABUNDANCE AND DISTRIBUTION
1- 200 1- 682
-- ANALYSIS
3- 627
-- BIOLOGICAL EFFECTS
2- 396

RADON
-- PROPERTIES CHEMICAL
2-1064
-- PROPERTIES PHYSICAL
1- 562
-- PURIFICATION OF
2-1576
-- RADIOGRAPHIC USES
1-1933
-- THERAPEUTIC USES
1- 340 1-1200 1-1708 1-1710 2-1012
2-1696 3- 47 3- 235 3- 236 3- 932
3- 935 3-1851 3-1852
RADON ISOTOPES
-- FORMATION OF
3-1752
-- PROPERTIES NUCLEAR
3-1752 3-2249
RADON RN-216
-- FROM THORIUM DECAY
1- 192
RADON RN-218
-- PROPERTIES NUCLEAR
2- 843 2- 957 3- 184
RADON RN-220
-- FROM THORIUM ORES
3-1913
RARE EARTH COMPOUNDS
SEE ALSO SUCH HEADINGS AS CERIUM COMPOUNDS EUROPIUM COMPOUNDS AND SIMILAR HEADINGS FOR OTHER RARE EARTH ELEMENTS
-- DOUBLE SULFATES
3-1348
-- HALIDES
2- 864
-- ORGANIC DERIVATIVES
1-1939 2- 652 2- 654 2-1850
-- OXIDES
2- 864
-- PHOSPHORIC ACID DERIVATIVES
1-1939 2- 652
RARE EARTHS
SEE ALSO SPECIFIC RARE EARTH ELEMENTS
-- ANALYSIS
1- 619 1- 853 2- 312 2- 313 2- 652
2- 905 2-1702 2-1703 2-1704 2-1705
2-1706 2-1708 2-1709 2-1714 2-1715
2-1720 2-1850 2-2041 3- 84 3- 301
3- 302 3- 303 3- 635 3-1347 3-1537
-- ATOMIC WEIGHTS
1-1939 3-1347
-- PRODUCTION
3-1894
-- PROPERTIES CHEMICAL
1-1939 3- 667
-- PROPERTIES NUCLEAR
2-1093 2-2220 2-2222
-- PROPERTIES PHYSICAL
1- 563
-- SEPARATION METHODS
1-1939 2-1014 3- 84 3-1348 3-1537
-- SPECTRA
2-1301 3- 302 3- 664
RATE METERS
-- CONSTRUCTION AND OPERATION
2- 182 2- 225 2-1102 2-1249 2-1636
2-1637 2-1644 2-1649 3- 446
RATS
-- EFFECTS OF RADIATION ON
1- 14 1- 29 1- 30 1- 40 1- 40
1- 246 1- 736 1- 739 1- 893 1- 895
1- 897 1- 905 1-1086 1-1238 1-1764
2- 25 2- 40 2- 336 2- 401 2- 404
2- 708 2-1176 2-1177 2-1319 2-1325
2-1508 2-1509 2-1892 3- 6 3- 196
3- 203 3- 208 3- 502 3- 503 3- 506
3- 515 3- 518 3- 903 3- 907 3-1036
3-1041 3-1172 3-1645 3-1649 3-1794
3-2081
-- METABOLISM AND TOXICOLOGY STUDIES
1- 14 1- 30 1- 45 1- 46 1- 47
1- 246 1- 369 1- 372 1- 374 1- 377
1- 382 1- 383 1- 389 1- 420 1- 423
1- 606 1- 612 1- 710 1- 711 1- 712
1- 750 1- 863 1- 874 1- 906 1-1052
1-1054 1-1055 1-1058 1-1062 1-1092
1-1095 1-1096 1-1386 1-1387 1-1388
1-1389 1-1507 1-1510 1-1534 1-1542
1-1740 1-1765 1-1766 2- 46 2- 280
2- 404 2- 406 2- 407 2- 409 2- 613
2- 667 2- 878 2- 882 2- 898 2- 983
2-1022 2-1026 2-1153 2-1178 2-1181
2-1326 2-1330 2-1331 2-1459 2-1463
2-1464 2-1465 2-1466 2-1512 2-1727
2-1729 2-1732 2-1860 2-2049 2-2050
2-2052 2-2080 2-2081 2-2083 2-2236
2-2237 3- 15 3- 16 3- 17 3- 18
3- 61 3- 71 3- 210 3- 213 3- 216
3- 217 3- 218 3- 267 3- 273 3- 513
3- 523 3- 531 3- 600 3- 603 3- 609
3- 610 3- 611 3- 612 3- 617 3- 622
3- 628 3- 937 3- 938 3- 941 3-1047
3-1049 3-1052 3-1053 3-1177 3-1178
3-1180 3-1190 3-1191 3-1324 3-1502
3-1504 3-1628 3-1640 3-1790 3-1793
RATS
-- METABOLISM AND TOXICOLOGY STUDIES
3-1806 3-1807 3-1808 3-2047 3-2048
3-2049 3-2055 3-2061 3-2066 3-2071
3-2075
REACTION MECHANISMS
-- CEROUS CERIC SYSTEMS
3- 672
-- PROPANE PYROLYSIS
3- 638
REACTION RATES
-- MEASUREMENT OF
3- 671 3- 673
REACTORS
-- AIRCRAFT PROPULSION BY
1- 729 1- 888 1-1084 1-1085 1-1377
2- 22 2- 897 2-1173
-- ANALYTICAL USES
1- 976 2-2138
-- BILLET MANUFACTURE
2-1315
-- BREEDING FUEL IN
2- 21
-- CANADA
2- 317 2-2045
-- CONTROL AND KINETICS
1- 132 1- 133 1- 287 1- 651 1- 889
1- 976 1-1166 1-1640 1-1861 2- 700
2-1313 2-1384 3-1134 3-1152
-- DESIGN AND CONSTRUCTION
1- 228 1- 601 1- 730 1- 731 1-1378
1-1380 1-1383 1-1440 1-1525 1-1527
1-1756 1-1757 1-1759 2- 20 2- 393
2- 897 2-1053 2-1174 2-1314 2-1315
2-1316 2-1317 2-1318 2-1602 2-1886
3-1584 3-1724 3-1785 3-2181 3-2269
3-2287
-- ENERGY YIELD IN
3-1129
-- FOR ROCKET PROPULSION
3-1413 3-1414
-- FRANCE
1- 359 2-1313 3-1314 2-1315 2-1316
2-1317 2-1318
-- GLOSSARY TERMS
2- 954 2-1412
-- GREAT BRITAIN
1- 111 1-1945
-- INSTRUMENTATION FOR
3-1723
-- ISOTOPES PRODUCTION IN
1- 469
-- NAVAL VESSEL PROPULSION BY
1- 888 1-1377 2- 701 2-1173
-- NEUTRON DENSITY IN
3-1962
-- ROCKET PROPULSION BY
1-1527 2- 394 2-1054
-- SHIELDING FOR
1-1519 2- 393 2-1053
-- THEORY OF
3-1962 3-1963
-- UNITED STATES
2- 393 2-1053
RECORDING SYSTEMS
-- FOR RADIATION DETECTION INSTRUMENTS
1- 778 1- 779 2-1109 2-1649
-- FOR SPECTROMETERS
2- 219 2- 659
RECTUM DISEASES
-- RADIATION THERAPY
3- 552 3-1525
REFRACTORIES
-- ALUMINUM OXIDE
1-1548 1-1773 2- 54 2- 413 2- 416
2- 417 2- 418 2- 902
-- ALUMINUM SILICATE
2- 413 2- 416 2- 418
-- BARIUM SULFIDE
1-1098 1-1099
-- BERYLLIUM CARBIDE
1-1775 2- 50 2- 51 2-1185
-- BERYLLIUM OXIDE
1- 647 1- 909 1- 911 1-1526 1-1543
1-1545 1-1546 1-1548 2- 54 2- 417
2- 902 2- 903
-- BONDING OF
2- 52
-- CERIUM SULFIDES
1-1097 1-1098 1-1099
-- COLUMBIUM CARBIDE
3-1674
-- CORROSION
2- 87
-- FOR AIRCRAFT POWER SYSTEMS
1-1526 1-1547
-- FOR NUCLEAR REACTORS
1- 426 1- 427
-- FOR ROCKET POWER SYSTEMS
1-1773
-- GRAPHITE
2- 54 2- 484
-- MAGNESIUM ALUMINATE
2- 54
-- MAGNESIUM OXIDE
2- 54 2- 417

REFRACTORIES
-- METALS
3-2175
-- PRODUCTION OF
1-1776 2- 415 2- 715
-- PROPERTIES PHYSICAL
3-1902 3-1903
-- RESISTANCE TO THERMAL STRESS
3-1902
-- SILICON CARBIDE
1-1526 2- 54 2- 413
-- SILICON DIOXIDE
2- 414
-- SINTERING OF
2-1079
-- TANTALUM CARBIDE
2-1183 3-1674
-- TENSILE TESTING OF
2-1514
-- THORIUM OXIDES
1- 647 1- 910 1- 912 1-1548 2- 54
2- 417
-- THORIUM SULFIDES
1-1097 1-1098 1-1099
-- TITANIUM CARBIDE
3-1674
-- TUNGSTEN CARBIDES
2-1184
-- URANIUM SULFIDES
1-1098
-- VANADIUM CARBIDE
3-1674
-- ZIRCONIUM OXIDES
1- 647 1- 649 1- 910 1-1544 1-1545
1-1546 1-1773 2- 53 2- 54 2- 417
2- 418
-- ZIRCONIUM SILICATE
2- 54 2- 418 2-1185
RELATIVITY THEORY
1- 185 1- 320 1- 321 1- 684 1-1674
1-1679 1-1680 1-1685 1-1688 2- 17
2- 265 2- 273 2- 274 2- 276 2- 603
2- 606 2- 622 2- 825 2- 827 2- 829
2- 832 2- 979 2-1121 2-1260 2-1276
2-1429 2-1430 2-1432 2-1832 2-2013
2-2192 3- 481 3-1309 3-1485 3-1493
3-1619 3-1620 3-1710 3-1761 3-1762
3-1764 3-1768 3-1769 3-1772 3-1773
3-1778 3-1779 3-1781 3-2030 3-2187
3-2355 3-2359 3-2361 3-2363
REMOTE CONTROL EQUIPMENT
SEE LABORATORIES RADIOCHEMICAL
RESEARCH PROGRAMS
SEE ALSO ATOMIC ENERGY COMMISSION
-- AUSTRALIA
1- 183
-- AUSTRIA
1-1499
-- CANADA
2- 317 2-2045 3-1787
-- CZECHOSLOVAKIA
1-1499
-- DENMARK
1-1339 1-1340
-- FRANCE
1- 359 1-1341 2-1314
-- GERMANY
1-1897 1-1898 2- 363
-- GREAT BRITAIN
1- 111 1- 599 1-1136 1-1718 1-1945
2- 142 2- 245 2- 319 2- 577
-- INDIA
1- 656 2- 318
-- ITALY
1- 564 1-1499
-- JAPAN
1-1943
-- NEW ZEALAND
2- 867
-- NORWAY
2- 656
-- POLAND
1- 566 1-1499
-- RUSSIA
2- 320 3-1788
-- SWITZERLAND
1- 674 1-1207
-- UNITED STATES
2- 318 2- 866 2-1149 2-1598 2-1592
RESINS
-- FOR ION EXCHANGE
2- 419 2- 421 2- 424 2- 717 2- 720
2-1517
RHENIUM
-- ANALYSIS
1- 430 1-1550 3-1871
-- IN METEORITES
3-1871
-- PRODUCTION
1-1623
-- PROPERTIES NUCLEAR
3-1605
-- SEPARATION METHODS
3-1871
-- SPECTRA
1- 859
RHENIUM ISOTOPES
-- FORMATION OF
2-2220
-- PROPERTIES NUCLEAR
2- 285 2- 638
RHENIUM RE-178
-- PROPERTIES NUCLEAR
3- 843
RHENIUM RE-182
-- PROPERTIES NUCLEAR
1-1277 3-1605
RHENIUM RE-183
-- PROPERTIES NUCLEAR
1-1277 3-1605
RHENIUM RE-184
-- PROPERTIES NUCLEAR
1-1277 3-1605
RHENIUM RE-186
-- PROPERTIES NUCLEAR
3- 880 3-1754 3-2023
RHENIUM RE-187
-- PROPERTIES NUCLEAR
1- 160 1- 187 1-1484 3- 162
RHENIUM RE-188
-- PROPERTIES NUCLEAR
1-1706
RHODIUM
-- ANALYSIS
2-1305
-- CROSS SECTION NEUTRON
2-1604
RHODIUM ISOTOPES
-- FORMATION OF
1- 760
RHODIUM RH-102
-- PROPERTIES NUCLEAR
2-1685
RHODIUM RH-103
-- PROPERTIES NUCLEAR
1-1941 2- 302 2-1679
RHODIUM RH-104
-- CROSS SECTION NEUTRON
1- 136
-- PROPERTIES NUCLEAR
2- 302
RHODIUM RH-106
-- PROPERTIES NUCLEAR
2- 12 2- 7 2-1679 3-1331
-- THERAPEUTIC USES
3-1521
RIBOFLAVIN
-- EFFECTS OF RADIATION ON
3-1339
-- RADIATION SICKNESS THERAPY USING
3- 915
RIBONUCLEIC ACID
SEE NUCLEIC ACIDS
RIBONUCLEOTIDES
-- ADSORPTION SEPARATION OF
3-1663
ROCKETS
-- FUELS FOR
3-1412
-- NUCLEAR POWER FOR
1-1527 2- 394 2-1054 3- 787 3- 788
3- 789 3-1411 3-1413 3-1414
ROD RUNNERS
-- CONSTRUCTION AND OPERATION
3-1244
ROOTS
-- ABSORPTION OF CALCIUM BY
2-1854
-- ABSORPTION OF PHOSPHORUS BY
2-1855
-- EFFECTS OF RADIATION ON
1-1244 1-1245 3-1173
RUBBER AND ELASTOMERS
-- EFFECTS OF RADIATION ON
1- 195 1- 332
-- SPECTRA
1-1723
-- SYNTHESIS OF
2- 747
RUBIDIUM
-- ANALYSIS
1- 56 1-1726
-- PRODUCTION
1-1621 1-1623 1-1892
-- SEPARATION METHODS
2-1678
RUBIDIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2-1077
-- PROPERTIES NUCLEAR
1- 114 1- 117
RUBIDIUM RB-81
-- PROPERTIES NUCLEAR
1-1892
RUBIDIUM RB-82
-- PROPERTIES NUCLEAR
1-1892
RUBIDIUM RB-85
-- PROPERTIES NUCLEAR
2-1231 3-1267 3-1403 3-1720 3-2256
-- RADIATION ABSORPTION BY
3-1720

RUBIDIUM RB-86
-- FORMATION OF
2-1678
-- PROPERTIES NUCLEAR
1-1318 1-1927
RUBIDIUM RB-87
-- PROPERTIES NUCLEAR
1- 330 2- 301 2- 632 2-1231 3-1267
3-1403 3-1760 3-2256
-- RADIOGRAPHIC USES
3-1673
RUBIDIUM RB-88
-- CROSS SECTION NEUTRON
2-1965
RUBIDIUM COMPOUNDS
-- RUBIDIUM FLUORIDE
1-1793
-- RUBIDIUM MAGNESIUM FLUORIDE
1-1793
-- RUBIDIUM PEROXIDE
1-1573
-- RUBIDIUM PLUTONIUM SULFATE
2-1471
RUTHENIUM
-- ANALYSIS
1- 430 1-1349 2-1305 3- 85 3- 630
3-1872
-- IONIZATION OF
1-1963
-- METABOLISM AND TOXICOLOGY
2-1181
-- PROPERTIES CHEMICAL
3-1872
-- PROPERTIES NUCLEAR
1- 834 2-1685 2-2020
RUTHENIUM ISOTOPES
-- FORMATION OF
1- 670
-- PROPERTIES NUCLEAR
2- 233 2-1077
-- TRACER APPLICATIONS
1- 579 1- 862 1-1349
RUTHENIUM RU 95
-- PROPERTIES NUCLEAR
1- 544 2-1587
RUTHENIUM RU 97
-- PROPERTIES NUCLEAR
1- 544 2-1586
RUTHENIUM RU-103
-- PROPERTIES NUCLEAR
1-1941 2-1679
RUTHENIUM RU-106
-- PROPERTIES NUCLEAR
2-1679 2-1680
-- SEPARATION METHODS
1-1282
-- THERAPEUTIC USES
3-1521
RUTHENIUM COMPOUNDS
-- RUTHENIUM PENTAFLUORIDE
2- 72
RUTHENIUM ORES
-- ANALYSIS
1-1349
RUTIN
-- ANALYSIS
3- 89
-- EFFECTS ON ENZYMES
3- 909
-- HISTAMINE SHOCK THERAPY USING
1-1922 2- 281
-- RADIATION SICKNESS THERAPY USING
1- 323 1- 536 1- 905 1-1473 2-1126
2-1434 3- 532 3- 916

SAFETY REGULATIONS
-- ATOMIC ENERGY COMMISSION
3-2095
SALAMANDERS
-- EFFECTS OF RADIATION ON
3- 3
SALIVA
-- CONCENTRATION OF IODINE IN
1- 714
SALVARSAN
-- SYNTHESIS OF LABELED
3-1092
SAMARIUM
-- ANALYSIS
1- 358 1-1201 1-1338 2-1703 2-1706
2-1850 2-2041
-- IONIZATION OF
2-1849
-- PROPERTIES NUCLEAR
1- 982 1-1202 3-1751
-- PROPERTIES PHYSICAL
3- 305
-- RADIATION ABSORPTION BY
1- 982
-- SEPARATION METHODS
3- 300 3- 305
-- SPECTRA
1-1334 1-1711 1-1938 2- 649
-- STRUCTURE ATOMIC
3-2263

SAMARIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 922 2-1015
-- FORMATION OF
1-1041
-- PROPERTIES NUCLEAR
1- 854
-- SEPARATION METHODS
1-1714
-- SPECTRA
3-2153
SAMARIUM SM-151
-- PROPERTIES NUCLEAR
1- 852
SAMARIUM SM-152
-- PROPERTIES NUCLEAR
1-1497
SAMARIUM SM-153
-- PROPERTIES NUCLEAR
1- 539
SAMARIUM SM-155
-- PROPERTIES NUCLEAR
2- 647
SAMARIUM COMPOUNDS
-- SAMARIUM ACETYLACETONATE
1-1716
-- SAMARIUM CARBONATE
1-1201
-- SAMARIUM CHLORIDE
1-1201 1-1711
-- SAMARIUM CITRATE
1-1201
-- SAMARIUM FLUORIDE
1-1201
-- SAMARIUM HYDROXIDE
1-1201 1-1338
-- SAMARIUM NITRATE
1-1202
-- SAMARIUM OXALATE
1-1338
-- SAMARIUM OXIDE
1-1338
-- SAMARIUM PERCHLORATE
1-1938
-- SAMARIUM SULFATE
1-1201
SAMARIUM GLASS
-- LUMINESCENCE OF
3-1982
SAMPLING DEVICES
-- CONSTRUCTION AND OPERATION
3-1195
SARGEANT DIAGRAMS
2- 623
SCALERS
-- CONSTRUCTION AND OPERATION
1- 948 1-1867 1-1869 2- 179 2- 180
2- 206 2- 213 2- 217 2-1109 2-1249
2-1631 2-1632 3- 459 3- 467 3- 829
3- 837 3-1006 3-1153 3-1287 3-2293
SCANDIUM
-- ANALYSIS
1- 853 3- 84
-- CROSS SECTION NEUTRON
2- 631
-- SEPARATION METHODS
3- 84 3- 90
SCANDIUM SC-43
-- FORMATION OF
3- 792
SCANDIUM SC-45
-- PROPERTIES NUCLEAR
3- 399
SCANDIUM SC-46
-- PROPERTIES NUCLEAR
1- 837 1-1927 2- 1 2- 631
SCANDIUM SC-47
-- PROPERTIES NUCLEAR
3- 899
SCATTERING OF RADIATION
SEE SUBHEAD DIFFUSION AND SCATTERING
UNDER SPECIFIC PARTICULATE AND
WAVE RADIATION
SEE ALSO SUBHEAD SCATTERING OF
RADIATION BY UNDER SPECIFIC ELEMENTS
SCENEDESMUS
SEE ALGAE
SCIENTIFIC RESEARCH
SEE RESEARCH PROGRAMS
SCIENTIFIC TERMS AND ABBREVIATIONS
3- 809
SCINTILLATION AND CRYSTAL COUNTERS
-- CONSTRUCTION AND OPERATION
1- 89 1- 91 1- 107 1- 109 1- 274
1- 660 1- 775 1- 992 1- 993 1- 995
1-1147 1-1148 1-1149 1-1297 1-1442
1-1515 1-1646 1-1653 1-1700 1-1915
2- 183 2- 191 2- 204 2- 209 2- 212
2- 226 2- 542 2- 545 2- 547 2- 548
2- 803 2- 809 2- 811 2- 815 2- 958
2- 960 2- 962 2- 965 2- 970 2- 973
2- 975 2-1101 2-1108 2-1109 2-1111
2-1112 2-1247 2-1248 2-1250 2-1416
2-1420 2-1422 2-1638 2-1828 2-2004
2-2007 2-2009 3- 160 3- 161 3- 163
3- 432 3- 437 3- 438 3- 442 3- 456

SCINTILLATION AND CRYSTAL COUNTERS
-- CONSTRUCTION AND OPERATION
3- 460 3- 465 3- 828 3- 831 3- 837
3- 838 3- 842 3- 843 3- 847
3- 848 3- 849 3- 851 3-1000 3-1001
3-1150 3-1295 3-1442 3-1449 3-1593
3-1598 3-1737 3-1992 3-1999 3-2303
3-2306
SEA URCHINS
-- EFFECTS OF RADIATION ON
3-1514 3-1830
-- METABOLISM AND TOXICOLOGY STUDIES
1- 869 2-1856
SEALS AND GASKETS
-- FOR CLOUD CHAMBERS
3-1738
-- FOR LIQUID NITROGEN
1-1827
-- FOR ROTARY SHAFTS
3-2169
SEEDS
SEE ALSO PLANTS AND ROOTS
-- EFFECTS OF RADIATION ON
1- 233 1- 243 1- 406 1- 408 1- 604
1- 901 1-1089 1-1244 1-1245 1-1246
2-1510 3- 508 3-1173 3-1811
-- INTRODUCTION OF RADIOISOTOPES IN
1-1391
SELENIUM
-- ANALYSIS
2- 60
-- METABOLISM AND TOXICOLOGY
1- 383
-- PRODUCTION
1-1623
-- PROPERTIES CHEMICAL
2-1520
-- PROPERTIES NUCLEAR
2- 298
-- PROPERTIES PHYSICAL
2-1623
-- STRUCTURE ATOMIC
1-1456
SELENIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1482 3-2220
-- CROSS SECTION ALPHA
1-1482
-- FORMATION OF
1- 470
-- PROPERTIES NUCLEAR
2- 328 2-1522
-- TRACER APPLICATIONS
1- 383
SELENIUM SE-73
-- PROPERTIES NUCLEAR
1- 326
SELENIUM SE-74
-- CROSS SECTION NEUTRON
1-1431
-- PROPERTIES NUCLEAR
1-1482 1-1705
SELENIUM SE-75
-- FORMATION OF
3-2133
-- PROPERTIES NUCLEAR
1- 326 1-1431 2- 181 2-2023 3-1032
-- SEPARATION METHODS
3-2133
-- TRACER APPLICATIONS
2-1469
SELENIUM SE-76
-- PROPERTIES NUCLEAR
1-1482 1-1705
SELENIUM COMPOUNDS
-- CARBON OXYSELENIDE
2-1723
-- SELENIDE DEUTERIUM
1- 80
-- SELENIDE HYDROGEN
1- 80
SEPARATION PROCESSES
SEE ALSO MAIN HEAD ANALYSIS
SEE ALSO SUBHEADS ANALYSIS AND
SEPARATION METHODS UNDER SPECIFIC
ELEMENTS
-- ADSORPTION
1- 53 1- 55 1- 56 1- 115 1- 117
1- 619 1- 852 1- 878 1-1100 1-1279
1-1713 1-1909 1-1910 1-1911 1-1913
1-1939 2- 55 2- 57 2- 64 2- 67
2- 69 2- 71 2- 360 2- 419 2- 420
2- 421 2- 422 2- 424 2- 429 2- 652
2- 717 2- 718 2- 719 2- 720 2- 864
2- 904 2- 906 2-1014 2-1187 2-1447
2-1517 2-1523 2-1896 2-2055 2-2062
2-2086 3- 87 3- 102 3- 300
3- 301 3- 950 3-1089 3-1336 3-1651
3-1663 3-1664 3-1875 3-1888 3-2132
-- CARRIER PRECIPITATION
1- 469 1- 621 1- 670 1- 812 2- 426
2-1332 2-1470 2-1481 2-1528 2-1529
2-1530 2-1531 2-1532 2-1535 2-1537
2-1538 2-1539 2-1543 2-1702 2-1703
2-1706 2-1707 2-1709 2-1710 2-1711
2-1713 2-1714 2-1715 2-1716 2-1893
SEPARATION PROCESSES
-- CARRIER PRECIPITATION
3- 950
-- DISTILLATION
1- 469 2-1468 2-2089 3- 950
-- ELECTROLYTIC
1-1117 1-1135 1-1173 1-1250 1-1551
1-1939 2- 63 2-1345 3- 76 3- 77
3- 78 3- 83 3- 86 3- 630 3- 950
-- FRACTIONAL CRYSTALLIZATION
1-1100
-- SOLVENT EXTRACTION
1- 258 1-1781 2- 80 2- 81 2-1448
2-1470 2-1865 2-1895 2-1995 3- 90
3- 950 3-1198 3-1204
SERINE
-- METABOLISM OF
1-1214 1-1354 3-1324
SEWAGE
-- BERYLLIUM COMPOUNDS IN
3- 25
SHEEP
-- EFFECTS OF RADIATION ON
1- 40
SHIELDING
SEE ALSO HEALTH PHYSICS AND
RADIATION HAZARDS AND PROTECTION
SEE ALSO SUBHEAD ABSORPTION UNDER
RADIATION AND SPECIFIC PARTICULATE
AND WAVE RADIATIONS SUBHEAD
RADIATION ABSORPTION BY UNDER
SPECIFIC ELEMENTS AND MATERIALS
AND SUBHEAD REMOTE CONTROL UNDER
LABORATORY EQUIPMENT
-- FOR AIRCRAFT
2- 897 3-2038
-- FOR GAMMA RAY INSTALLATIONS
3- 539
-- FOR LABORATORIES
2- 491 2-1284 2-1288 2-1290 3- 913
3-1177
-- FOR LABORATORY EQUIPMENT
2-1451 2-1526
-- FOR NUCLEAR REACTORS
1-1519 2- 393 2-1053 3-1218
-- FOR PARTICLE ACCELERATORS
1- 817 1-1017 1-1660 2- 244 3-1281
-- FOR X-RADIATION
2- 379 2- 490 2- 689
-- MATERIALS FOR
1- 218 1- 454 1- 729 1- 766 1-1418
1-1440 1-1535 1-1790 2- 6 2- 379
2- 490 2- 689 2-1075 3-1332
-- THEORY
1-1517 1-1518 1-1519 1-1521 1-1522
1-1865 2- 6 2- 372 2- 381 3- 990
3-1459 3-2319
SILICON
3- 995
-- ANALYSIS
1- 429
-- CROSS SECTION NEUTRON
1-1631 2-1393
-- PROPERTIES NUCLEAR
2- 846
-- PROPERTIES PHYSICAL
1-1669
-- PROPERTIES REFRACTORY
1-1546
-- RADIATION STOPPING BY
3- 995
-- STRUCTURE ATOMIC
1-1456
SILICON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
-- PROPERTIES NUCLEAR
1-1700 1-1894
SILICON SI-28
-- FORMATION OF
2-1094
-- PROPERTIES NUCLEAR
1- 814 1-1154 2-1404 3-1581 3-1583
3-2024
SILICON SI-29
-- PROPERTIES NUCLEAR
1- 295 3-1581 3-2024
SILICON SI-30
-- FORMATION OF
3-1716
-- PROPERTIES NUCLEAR
1- 295 1- 814 3-1581 3-1716
SILICON SI-31
-- PROPERTIES NUCLEAR
1-1294
SILICON COMPOUNDS
-- SILANES
2- 76 2- 591
-- SILICON CARBIDE
1-1526 1-1546 1-1547 2- 54 2-1516
3- 848
-- SILICON DIOXIDE
1- 431 1- 636 1-1546 1-1575 1-1751
1-1906 2-1911
-- SILICON HYDRIDES
2- 76

SILK
-- SYNTHESIS OF LABELED
3- 529
SILVER
-- ANALYSIS
1- 430 1-1968
-- CROSS SECTION NEUTRON
2- 527 3- 764
-- EFFECTS OF RADIATION ON
1- 997
-- ELECTRON EMISSION FROM
3-1458
-- PROPERTIES METALLURGICAL
3-1560
-- PROPERTIES NUCLEAR
1- 303 1-1801 2- 687 3- 995 3-1611
-- PROPERTIES PHYSICAL
2-2125
-- RADIATION ABSORPTION BY
1- 728 2- 373 2-1165 3- 710 3- 986
-- RADIATION STOPPING BY
2-1685
-- SEPARATION PROCESSES
1-1250 1-1279
- SPECTRA
2-2146
-- STRUCTURE CRYSTAL
2- 119
SILVER ISOTOPES
-- PROPERTIES NUCLEAR
2- 285
-- SEPARATION METHODS
2- 154 3- 139
SILVER AG-106
-- FORMATION OF
1- 498
SILVER AG-107
-- CROSS SECTION NEUTRON
1-1640 2- 936 3-1136
-- PROPERTIES NUCLEAR
2-2146 3- 892
SILVER AG-108
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- PROPERTIES NUCLEAR
1- 143
-- THERAPEUTIC USES
1- 351 1- 700
SILVER AG-109
-- CROSS SECTION NEUTRON
1-1640 2- 936
-- PROPERTIES NUCLEAR
2-2146 3-1660
SILVER AG-110
-- CROSS SECTION NEUTRON
1- 136
-- PROPERTIES NUCLEAR
1- 143 2-2208 3- 174
-- THERAPEUTIC USES
1- 351
-- TRACER APPLICATIONS
3-1355
SILVER AG 111
-- THERAPEUTIC USES
1- 700 3- 583
SILVER AG 114
-- PROPERTIES NUCLEAR
3- 190
SILVER AG 115
-- PROPERTIES NUCLEAR
3- 190
SILVER ALLOYS
-- PROPERTIES PHYSICAL
1-1627 2- 160
SILVER COMPOUNDS
-- SILVER BROMIDE
1-1152 1-1252 2-1031 2-2058 3- 849
3-1446
-- SILVER CHLORATE
1-1586 1-1660
-- SILVER CHLORIDE
1-1252 2-1031
-- SILVER NITRATE
1- 700
SILVER DIAPHRAGMS
SEE DIAPHRAGMS
SIMULATORS
1-1270 1-1271
SKIN
-- EFFECTS OF BERYLLIUM COMPOUNDS ON
1- 614 1-1411 1-1536 1-1537 3- 212
3- 219 3- 530 3-2046
-- EFFECTS OF RADIATION ON
1- 21 1- 28 1- 33 1- 36 1- 241
1- 410 1- 637 1- 735 1- 738 1- 893
1-1116 1-1249 1-1532 2- 36 2- 38
2- 279 2- 860 2- 986 2-2077 2-2216
3- 7 3- 204 3- 206 3- 545 3- 547
3- 911 3- 914 3- 917 3-1840 3-2097
-- IODINE ABSORPTION BY
2-1290
-- ION TRANSPORT THROUGH
2-2227
-- METABOLISM OF PHOSPHORUS IN
1- 581
SKIN DISEASES
-- RADIATION THERAPY
2- 310 3- 30 3- 33 3- 39 3- 42
3- 50 3- 245 3- 259 3- 575 3- 579
3- 580 3- 590 3- 591 3- 927 3- 928
3-1061 3-1527 3-1843 3-1849 3-1857
3-2106 3-2115
-- RADIOISOTOPES THERAPY
1- 341 1- 558 1-1196 1-1119 1-1492
2-1277 3- 591 3-1527 3-1857
SMOKE PARTICLES
-- DETECTION AND MEASUREMENT
2-1575 2-1577
SNAILS
-- EFFECTS OF RADIATION ON
3- 505 3-1509
SNAKES
-- EFFECTS OF RADIATION ON
3-1817
SOAP SOLUTIONS
-- DETECTION OF RADIATION WITH
3- 433
SODIUM
-- ANALYSIS
1- 56 1- 755 3-1195
-- CROSS SECTION NEUTRON
1-1631 2-1393 2-2144
-- METABOLISM STUDIES WITH ISOTOPES
1- 384 1- 571 1- 718 1-1060 2-1025
2-2227
-- PRODUCTION
1-1623 1-1629
-- PROPERTIES CHEMICAL
2- 74
-- PROPERTIES NUCLEAR
1- 329 2- 846 3-2259 3-2274
-- PROPERTIES PHYSICAL
2- 590 3- 696
-- RADIATION ABSORPTION BY
2- 90
-- SEPARATION METHODS
2-1468 3-1664
-- STRUCTURE ATOMIC
1- 800
SODIUM ISOTOPES
-- BIOLOGICAL EFFECTS
2- 860
-- FORMATION OF
1- 470
-- THERAPEUTIC USES
2- 860
-- TRACER APPLICATIONS
2- 346 2- 672 2-1030 2-2227
SODIUM NA 22
-- FORMATION OF
3-1664
-- PROPERTIES NUCLEAR
1- 412 1-1889 2- 255 2-1396 3-1032
3-1471 3-2015 3-2329
-- SPECTRA
1-1903 1-1905 2-1396
-- TRACER APPLICATIONS
1-1060 2-1025 2-1468 3-1888
SODIUM NA 23
-- CROSS SECTION DEUTERON
1-1896
-- PROPERTIES NUCLEAR
1- 295 1-1700 2- 14 3-1403 3-1708
SODIUM NA 24
-- BIOLOGICAL EFFECTS
1- 14 1- 38
-- PROPERTIES NUCLEAR
1- 812 1-1523 2- 1 2- 167 2-1883
2-2202 3-1316 3-1468 3-1583 3-1708
3-2326
-- THERAPEUTIC USES
1- 348 1- 350 1- 560 3- 571
-- TRACER APPLICATIONS
1- 384 1- 718 1-1060 1-1509 2- 671
2-1297 2-1300 2-1857 2-2231 3- 67
3- 271 3- 272 3- 274 3- 275 3- 605
3- 619 3- 943 3-1503 3-1810 3-2050
3-2052 3-2063 3-2064
SODIUM NA 26
-- PROPERTIES NUCLEAR
3-1402
SODIUM ALLOYS
-- HEAT TRANSFER BY
3-1675
-- HEATS OF FORMATION
1-1284
-- PROPERTIES PHYSICAL
2- 161 3- 342
SODIUM COMPOUNDS
-- SODIUM ACETATE
1- 755
-- SODIUM ALUMINUM HYDRIDE
2- 77
-- SODIUM BERYLLIUM FLUORIDE
1-1541
-- SODIUM BICARBONATE
3-1330 3-1799
-- SODIUM BORATE
3-1150

SODIUM COMPOUNDS
-- SODIUM BOROHYDRIDE
1- 756 3-1097
-- SODIUM BROMATE
1-1586
-- SODIUM BROMIDE
1- 754
-- SODIUM CARBONATE
1-1054 2-1464
-- SODIUM CHLORIDE
1-1578 2-1917 3-2308
-- SODIUM CITRATE
2- 407 2-1757 3- 523
-- SODIUM FLUOCERATE
1- 762
-- SODIUM FLUOLANTHANATE
1- 762
-- SODIUM FLUOPLUTONATE
1- 762
-- SODIUM FLUORESCEIN
1-1738
-- SODIUM FLUORESCEIN DIICDO
1- 870
-- SODIUM FLUORIDE
1- 590 1-1227 2- 121 2- 467 3-1097
-- SODIUM FLUOTHORATE
1- 762 1- 763
-- SODIUM FLUOURANATE
1- 585 1- 762 1- 763
-- SODIUM HYDRIDE
3- 294
-- SODIUM IODIDE
1- 660 1-1912 2- 962 2-1638 3-1097
3-1150
-- SODIUM NEPTUNYL ACETATE
1-1064 2- 888 2- 889 2-1740
-- SODIUM OXALATE
1-1586
-- SODIUM OXIDES
3-1195
-- SODIUM PENTABARBITAL
1- 708 2- 909 2-1024 2-1296
-- SODIUM PERCHLORATE
3- 651 3-1097
-- SODIUM PEROXIDE
2-1338
-- SODIUM PHOSPHATES
2- 67 3-2059
-- SODIUM PLUTONYL ACETATE
1- 720
-- SODIUM SULFATE
3- 902 3-2066
-- SODIUM SUPEROXIDE
3- 649
-- SODIUM URANIUM FLUORIDES
3-1354
-- SODIUM URANYL ACETATE
2-1039
SOIL
-- ANALYSIS
2- 428
-- CONTAMINATION RADIOACTIVE
1- 40
-- EFFECTS OF RADIATION ON
3- 508
-- PHOSPHORUS FIXATION
1- 668 2- 67 2- 333 2-1725
-- RADIOACTIVITY OF
1- 128 1-1596
SOLUTIONS
-- EQUATIONS OF STATE
3-1200
SONIC INTERFEROMETERS
-- CONSTRUCTION AND OPERATION
1-1600
SPACE SIMULATORS
SEE SIMULATORS
SPALLATION PRODUCTS
-- FROM ARSENIC
3-1415
-- FROM THORIUM
3-1752
SPARTEINE
-- ANALYTICAL REAGENT FOR URANIUM
2- 358
SPECIFIC HEATS
-- MEASUREMENT OF
3- 613
SPECTRA
-- SEE ALSO SPECTRA MASS AND
SPECTROMETERS
SEE ALSO SUBHEAD SPECTRA UNDER
SPECIFIC ELEMENTS SUCH AS URANIUM
SEE ALSO SUBHEAD SPECTROGRAPHIC
UNDER ANALYSIS
-- ACRIDINE
2-1453
-- ALKALI HALIDES
2-1454
-- ALUMINUM OXINATE
2-1544
-- AMMONIA
2- 331
-- ANTHRACENE
2-1453

SPECTRA
-- ARSENIC DEUTERIDE
2- 330 2-1370
-- ARSENIC HYDRIDE
2- 330 2-1370
-- BENZENE HEXABROMO-
2-1453
-- BROMINE CYANIDE
1-1453 3- 670
-- CARBON DIOXIDE
3-1098
-- CARBON OXYSELENIDE
2- 328 2-1723
-- CARBON OXYSULFIDE
1- 159 1-1155 2-1213 2-2047
-- CARBONYL FLUORIDE
2-1208
-- CESIUM FLUORIDE
1-1504
-- CHLORINE CYANIDE
1-1453
-- CHLOROSILANE
2- 591
-- DEUTERIUM OXIDE
3-1093
-- DEUTERIUM SELENIDE
1- 80
-- DEUTERIUM SULFIDE
1- 80
-- DEUTERIUM TELLURIDE
1- 80
-- DEUTEROPROPANES
3- 654
-- DIANTHRACENE
2-1453
-- ETHANE TRIFLUORO
2- 131
-- EUROPIUM COMPOUNDS
1- 201 1-1711
-- FLUOROCARBONS
2- 474
-- GADOLINIUM COMPOUNDS
1- 201
-- GALLIUM OXINATE
2-1544
-- GENERAL AND THEORETICAL
3- 100 3- 653
-- HYDROGEN DEUTERIUM OXIDE
2- 746
-- HYDROGEN SELENIDE
1- 80
-- HYDROGEN SULFIDE
1- 80
-- HYDROGEN TELLURIDE
1- 80
-- IODINE CYANIDE
1-1453 3- 670
-- IRON ACETYLACETONATE COMPLEXES
3-1210
-- MAGNESIUM ACETYLACETONATE COMPLEXES
3-1210
-- METHANE CHLOROTRIFLUORO
2- 135
-- METHANE DICHLOROFLUORO-
2- 135
-- METHANE DICHLORODIFLUORO-
2- 135
-- METHANE TRICHLOROFLUORO
2- 135
-- METHYL CHLORIDE
2- 331 2-1724
-- NAPHTHACENE
2-1453
-- NAPHTHALENE
2-1453
-- NEODYMIUM BROMATE
2-1719
-- NEODYMIUM CHLORIDE
3-2125
-- NEODYMIUM NITRATE
3-2152
-- NEODYMIUM OXIDES
3-2152
-- NEODYMIUM SULFATE
3-2152
-- PENTACENE
2-1453
-- PENTANDIONE-2 4
3-1210
-- PHENAZINE
2-1453
-- PHOSPHINE
2- 330
-- PLUTONIUM COMPOUNDS
2- 677
-- POTASSIUM BROMIDE
2-1454
-- POTASSIUM URANYL SULFATE
2-1039
-- SAMARIUM COMPOUNDS
1-1711
-- SODIUM BROMIDE
2- 662
-- SODIUM FLUORIDE
2- 662

SPECTRA
-- SODIUM IODIDE
2- 662
-- SODIUM URANYL ACETATE
2-1039
-- STARS
1-1235
-- SULFUR DIOXIDE
2- 331
-- TABLES
1- 153
-- THALLIUM OXINATE
2-1544
-- THORIUM ACETYLACETONATE COMPLEXES
3-1210
-- TOLUENE
1-1821
-- TOLUENE PERFLUORO-
1-1821
-- URANIUM ACETYLACETONATE COMPLEXES
3-1210
-- URANIUM CHLORIDES
2-1035 3-1103
-- URANIUM FLUORIDES
1- 216
-- URANIUM ORGANIC DERIVATIVES
2- 681
-- URANIUM OXIDES
1-1370 2- 583
-- URANYL ACETATE
2- 680 2- 890 2-1039
-- URANYL CHLORIDE
2-1039 3-1103
-- URANYL COMPOUNDS
2-1745
-- URANYL NITRATE
2- 680 2- 681
-- URANYL SULFATE
2-1039
-- WATER
3-1093
-- YTTERBIUM COMPOUNDS
1-1711
SPECTRA MASS
-- DIBORANE DEUTERATED
3- 655
-- ETHANE MONODEUTERO-
1-1211
-- HYDROGEN DEUTERIDE
3- 293
-- METHANE MONODEUTERO-
1-1211
-- METHANE TETRADEUTERO
1-1211
-- PROPANE 1 MONODEUTERO-
1-1211
-- PROPANE 2 MONODEUTERO-
1-1211
SPECTROGRAPHY
SEE ANALYSIS-SPECTROGRAPHIC
ANALYSIS-SPECTROPHOTOMETRIC
MASS SPECTROGRAPHY MASS
SPECTROMETERS SPECTROMETERS
SEE ALSO SUBHEAD SPECTRA UNDER
SPECIFIC ELEMENTS
SEE ALSO SPECIFIC COMPOUNDS
LISTED UNDER MAIN HEADINGS SPECTRA
AND SPECTRA MASS
SPECTROMETERS
SEE ALSO MASS SPECTROMETERS AND
SUBHEAD SPECTROGRAPHIC UNDER
ANALYSIS
1- 920 1-1049 1-1209 1-1344 1-1505
1-1724 1-1726 1-1747 1-1748 2- 325
2- 659 2- 663
-- ALPHA RAY
2-1648
-- BETA RAY
1- 273 1- 330 1- 642 1- 770 1-1046
1-1698 1-1701 2- 181 2- 192
2- 194 2- 220 2- 550 2-1246 2-1251
2-1435 2-2003 2-2178 3- 429 3- 448
3- 466 3- 824 3-1002 3-1595 3-1899
3-1928 3-2000 3-2019 3-2304 3-2312
-- GAMMA RAY
1- 838 1-1150 2-1245 2-1993 2-2169
3- 188 3- 834 3-1595 3-2325
-- MICROWAVE
1-1903 2- 255 2- 331 3-1099
-- NEUTRON
2- 166 3-1990 3-2290
-- PROTON
2- 964
-- X-RAY
1- 58 1- 270 1- 431 1- 641 1-1345
1-1806 1-1949 2- 324 3- 495 3-1434
3-1448
SPECTROPHOTOMETERS
SEE ALSO FLUOROPHOTOMETERS
-- CONSTRUCTION AND OPERATION
1-1722 2- 468 2- 661 3- 668 3-1211
SPECTROPHOTOMETRY
SEE ANALYSIS-SPECTROPHOTOMETRIC
SUBHEAD SPECTRA UNDER SPECIFIC
ELEMENTS AND SPECIFIC COMPOUNDS
LISTED UNDER MAIN HEADING SPECTRA
SPERMATOZOA
SEE ALSO EGGS AND OVA
-- EFFECTS OF RADIATION ON
1- 239 1- 241 1- 896 1-1116 2- 402
2-1055 2-1058 2-1061 2-1509 2-1756
3- 8 3-1926 3-1513 3-1514 3-1830
SPIN
SEE SUBHEAD PROPERTIES NUCLEAR UNDER
SPECIFIC ELEMENTS AND ISOTOPES
SEE SUBHEAD SPIN AND MOMENT UNDER
SPECIFIC PARTICULATE RADIATION
SPINAL CORD
-- EFFECTS OF RADIATION ON
3- 250
SPIRAL ACCELERATORS
SEE ACCELERATORS PARTICLE
SPLEEN
-- EFFECTS OF RADIATION ON
1- 241 1- 322 1- 739 1-1090 1-1532
1-1764 2- 403 3- 6
-- METABOLISM OF GLYCINE IN
3-1623
-- METABOLISM OF NUCLEIC ACIDS IN
3-1322
-- RADIATION PROTECTION EFFECTS OF
3- 207 3-1825
STACK METEOROLOGY
2-1922
STARCH
SEE ALSO GLYCOGEN
-- EFFECTS OF RADIATION ON
1- 333
-- SYNTHESIS OF LABELED
1- 61 3- 525 3-2136
STARK EFFECT
SEE MICROWAVES
STARS
SEE ASTROPHYSICS
STATIC ELIMINATORS
2-1210 3- 536 3-2094
STATISTICAL ANALYSIS
2-1217 2-1218 2-1219 2-1220
STATISTICAL MECHANICS
SEE ALSO CLASSICAL MECHANICS AND
QUANTUM MECHANICS
1- 186 1- 188 1- 520 1-1452 1-1463
1-1470 1-1911 2- 265 2- 818 2- 834
2- 977 2-1091 2-1261 2-1654 2-1833
2-2183 3-1480 3-1481 3-1487 3-1774
STEEL
SEE ALSO IRON
-- ANALYSIS
3- 637
-- CERAMIC COATINGS FOR
2- 415
-- ELECTRON EMISSION BY
2- 794
-- PROPERTIES PHYSICAL
3- 417
-- RADIOGRAPHY OF
1-1327
STELLAR BODIES
SEE ASTROPHYSICS
STERILITY
-- PRODUCED BY RADIATION
1- 32 1- 239 1- 240 1-1364 2- 839
2-1058 2-1324 3-1326 3-1518
STEROIDS
SEE DESOXYCORTICOSTERONE
METHYLTESTOSTERONE PROGESTERONE
AND KETOSTEROIDS
STILBAMIDINE
-- THERAPEUTIC USES
1- 352
STILBENE
-- RADIATION DETECTION USES
1-1646 2- 975 3- 163 3- 437 3- 465
3-1296 3-1449
STOMACH
SEE ALSO GASTRIC JUICE
-- EFFECTS OF RADIATION ON
1- 23 1- 893 1-1531 2-1321
STRONTIUM
-- ANALYSIS
1- 752 3-1537
-- METABOLISM AND TOXICOLOGY
3- 523 3- 524
-- PRODUCTION
1-1623
-- SEPARATION METHODS
2-1528 2-1529 2-1530 3-1537
-- SPECTRA
1- 466
STRONTIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 466
-- PROPERTIES NUCLEAR
1- 117
-- THERAPEUTIC USES
1- 350
-- TRACER APPLICATIONS
1- 387 1- 580 2- 672 2-1326 2-1570
STRONTIUM SR 87
-- FORMATION OF
3-1760

STRONTIUM SR 88
-- PROPERTIES NUCLEAR
2- 1 3-1476
STRONTIUM SR 89
-- BIOLOGICAL EFFECTS
1- 38 1- 40 1- 235 1- 416 2- 983
2-1175 3-1194
-- CROSS SECTION NEUTRON
2-1967
-- ISOTOPIC SEPARATION
1-1282
-- METABOLISM AND TOXICOLOGY
3-1835
-- PROPERTIES NUCLEAR
1- 40 3- 488 3-1745 3-1754
-- THERAPEUTIC USES
1- 560 3- 571
-- TRACER APPLICATIONS
1- 607 3-1194
STRONTIUM SR 90
-- BIOLOGICAL EFFECTS
1- 40 1- 235 1- 901
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
1-1190 3- 489 3- 761 3- 877 3-1032
-- TRACER APPLICATIONS
3- 497 3- 524 3-1355
STRONTIUM COMPOUNDS
-- STRONTIUM BROMIDE
1-1365
-- STRONTIUM CHLORIDE
1- 40
-- STRONTIUM FLUORIDE
1- 466
-- STRONTIUM IODIDE
1-1365
-- STRONTIUM NITRATE
3-1653
-- STRONTIUM OXIDE
1-1405 1-1545
-- STRONTIUM SULFATE
3- 497
-- STRONTIUM TITANATES
1-1777 1-1778
-- STRONTIUM URANATE
1- 721 3-1100
-- STRONTIUM ZIRCONATE
1-1547
STRUCTURE ATOMIC
-- ACTINIDE ELEMENTS
2-1479
-- BERYLLIUM
3- 187
-- GENERAL AND THEORETICAL
1- 154 1- 155 1- 165 1- 312 1- 315
1- 527 1- 530 1- 545 1- 627 1- 666
1- 681 1-1346 1-1758 2- 12 2- 329
2- 796 2- 821 2- 834 2- 977 2-1817
3- 100 3- 782 3- 783 3-1461 3-1774
3-1786
-- HYDROGEN
2-1260
-- SULFUR
2- 870
-- TRANSURANIC ELEMENTS
2- 351
STRUCTURE CRYSTAL
SEE ALSO ANALYSIS-DIFFRACTION CRYSTALLOGRAPHY AND SUBHEAD STRUCTURE CRYSTAL UNDER SPECIFIC ELEMENTS
-- ACTINIUM SULFIDE
3- 665
-- ALKALI HALIDES
1-1580 2- 222 2- 223 2- 224 2-1454
-- ALLOYS
2- 587
-- ALUMINUM-URANIUM ALLOYS
1-1965
-- AMERICIUM OXIDE
3- 677
-- AMERICIUM SULFIDE
3- 665
-- AMMONIUM DIHYDROGEN PHOSPHATE
1- 636
-- AMMONIUM PLUTONIUM SULFATE
2-1471
-- ANTHRACENE
1-1576 2- 464
-- BARIUM TITANATES
1-1779 3- 650
-- BARIUM URANATE
2-1040 2-2063
-- BERYLLIUM IRON ALLOYS
1-1140
-- CADMIUM-GOLD ALLOYS
2- 163
-- CALCIUM CARBONATE
1-1575
-- CALCIUM FLUORIDE
1-1575 2-1303
-- CALCIUM OXIDE
1-1659
-- CALCIUM SULFATE
1-1575

STRUCTURE CRYSTAL
-- CALCIUM TUNGSTATE
2-1112
-- CALCIUM URANATE
1- 721
-- CARBIDES METALLIC
1- 764 1-1814
-- CERIUM BROMIDE
1- 588
-- CERIUM CHLORIDE
1- 588
-- CERIUM OXIDES NEODYMIUM OXIDES
3-1096
-- CERIUM OXIDES PRASEODYMIUM OXIDES
3-1096
-- CERIUM OXYSULFIDE
3- 666
-- CERIUM PHOSPHATES
1- 705 1-1712
-- CERIUM SILICIDE
1- 585
-- CERIUM SULFIDES
1- 723 3- 665
-- CESIUM CHLOROPLUTONATE
1- 584
-- CESIUM PEROXIDE
1-1573
-- COBALT IRON ALLOYS
1- 311
-- COPPER GOLD ALLOYS
1- 311
-- COPPER SULFATE
2- 945
-- GENERAL AND THEORETICAL
1- 313 1- 314 1- 347 1- 496 1- 635
1- 792 1- 977 1-1164 1-1263 1-1570
1-1571 1-1574 1-1579 1-1580 1-1581
1-1582 1-1583 1-1584 1-1808 1-1809
1-1810 1-1812 1-1813 1-1891 2- 118
2-1072 2-1073 2-1916 2-1917 3-1364
-- ICE
1-1888
-- IRON OXIDE
1- 448
-- LANTHANUM BROMIDE
1- 588
-- LANTHANUM CHLORIDE
1- 588
-- LANTHANUM HYDROXIDE
1- 588
-- LANTHANUM OXYSULFIDE
1- 723 3- 666
-- LANTHANUM PHOSPHATES
1- 705 1-1712
-- LANTHANUM SULFIDE
3- 665
-- LITHIUM FLUORIDE
2- 121 3- 776
-- MAGNESIUM OXIDE
1- 448
-- MANGANESE FLUORIDE
2-1085
-- MERCURY-URANIUM ALLOYS
1-1965
-- NEODYMIUM ACETYLACETONATE
2- 864
-- NEODYMIUM BROMIDE
2- 864
-- NEODYMIUM CHLORIDE
1- 588
-- NEODYMIUM OXIDES PRASEODYMIUM OXIDES
3-1096
-- NEODYMIUM PHOSPHATES
1- 705 1-1712
-- NEODYMIUM SULFATE
2- 864
-- NEPTUNIUM DIOXIDE
1-1064
-- NEPTUNIUM NITRIDE
3- 677
-- NEPTUNIUM SILICIDE
1- 585
-- NEPTUNYL FLUORIDE
3- 677
-- NITRIDES METALLIC
1- 764 1-1814
-- OXIDES METALLIC
1- 764 1-1814
-- PLUTONIUM CARBIDE
1-1067
-- PLUTONIUM NITRIDE
1-1067
-- PLUTONIUM OXYSULFIDE
3- 666
-- PLUTONIUM PHOSPHATE
1-1222
-- PLUTONIUM SILICIDE
1- 585
-- PLUTONIUM SULFIDE
3- 665
-- POTASSIUM BROMIDE
1-1578 2- 121
-- POTASSIUM CHLORIDE
1-1578 2-1367

STRUCTURE CRYSTAL
-- POTASSIUM COPPER SULFATE
2- 945
-- POTASSIUM FLUOCERATE
1- 762 1- 763
-- POTASSIUM FLUOLANTHANATE
1- 762 1- 763
-- POTASSIUM FLUOTHORATE
1- 762 1- 763
-- POTASSIUM FLUOURANATE
1- 762 1- 763
-- POTASSIUM PERCHLORATE
3- 651
-- POTASSIUM PEROXIDE
1-1573
-- PRASEODYMIUM ACETYLACETONATE
2- 864
-- PRASEODYMIUM BROMIDE
1- 588
-- PRASEODYMIUM CHLORIDE
1- 588
-- PRASEODYMIUM HYDROXIDE
1- 586
-- PRASEODYMIUM PHOSPHATES
1- 705 1-1712
-- PROTOACTINIUM OXIDES
3- 677
-- RARE EARTH COMPOUNDS
2- 864
-- RUBIDIUM PEROXIDE
1-1573
-- SILICON DIOXIDE
1- 636 1-1575 1-1751
-- SODIUM CHLORIDE
1-1578 2- 121
-- SODIUM FLUOCERATE
1- 762
-- SODIUM FLUOLANTHANATE
1- 762
-- SODIUM FLUOPLUTONATE
1- 762
-- SODIUM FLUOTHORATE
1- 762 1- 763
- SODIUM FLUOURANATE
1- 585 1- 762 1- 763
-- SODIUM NEPTUNYL ACETATE
1-1064
-- SODIUM PERCHLORATE
3- 651
-- SODIUM SUPEROXIDE
3- 649
-- SODIUM URANYL ACETATE
2-1039
-- STRONTIUM URANATE
1- 721 2
-- THALLIUM BROMIDE
1-1859
-- THORIUM ACETYLACETONATE
2- 864
-- THORIUM DIOXIDE
1- 448
-- THORIUM HYDRIDE
1- 632
-- THORIUM NITRIDE
1- 446
-- THORIUM OXYSULFIDE
1- 723
-- THORIUM SULFATE
1- 328
-- THORIUM SULFIDES
1- 723
-- TIN-URANIUM ALLOYS
1-1965
-- TITANIUM CARBIDE
1-1859
-- TITANIUM CHLORIDE
1- 633
-- URANIUM BROMIDES
1- 586
-- URANIUM CARBIDES
1- 214 1-1369
-- URANIUM CHLORIDES
1- 586
-- URANIUM DEUTERIDES
1-1363
-- URANIUM FLUORIDES
1-1072 2- 355
-- URANIUM HYDRIDES
1-1363
-- URANIUM NITRIDES
1-1224
-- URANIUM OXIDES
1-1075
-- URANIUM OXYSULFIDE
1- 723
-- URANIUM SILICIDES
1- 585
-- URANIUM SULFIDES
1- 723
-- URANYL ACETATE
2-1039
-- URANYL COMPOUNDS
2-1745
-- URANYL FLUORIDE
1- 722

STRUCTURE CRYSTAL
-- ZINC OXIDE
1-1859
-- ZIRCONIUM HYDRIDE
1- 632
STRUCTURE MOLECULAR
SEE ALSO SPECTRA
-- ALUMINUM BOROHYDRIDE
2- 678
-- ALUMINUM HYDRIDE
2- 678
-- AMMONIA
2- 331
-- AMMONIUM SALTS
2- 780
-- BERYLLIUM BOROHYDRIDE
2- 678
-- BERYLLIUM OXIDE
1-1028 2- 844
-- BROMINE CYANIDE
1-1453 3- 670
-- CARBON OXYSELENIDE
2- 328
-- CARBON OXYSULFIDE
1- 159
-- CARBON TETRAHALIDES
1-1456
-- CHLORINE CYANIDE
1-1453
-- CHLOROSILANE
2- 591
-- CYANOGEN BROMIDE
2- 327
-- CYANOGEN CHLORIDE
2- 327
-- CYANOGEN IODIDE
2- 327
-- CYCLOPROPANE HEXAFLUORO
1-1110 1-1111 1-1112
-- DEUTERIUM OXIDE
1-1815
-- ETHANE TRIFLUORO
1-1590 2- 131
-- FLUOROFORM
2-1918
-- GALLIUM HYDRIDE
2- 678
-- GENERAL AND THEORETICAL
1-1157 1-1794 2- 824 2-1017 2-1233
2-1625 3- 407 3-1205 3-1729 3-1733
3-1940
-- GERMANIUM CHLORIDE
1-1950
-- HYDROCARBONS
1-1454
-- HYDROGEN BROMIDE
1-1881 2 1233
-- HYDROGEN CHLORIDE
1-1881 2-1233
-- HYDROGEN FLUORIDE
2- 721
-- HYDROGEN IODIDE
1-1881 2-1233
-- HYDROGEN SELENIDE
1-1881
-- HYDROGEN SULFIDE
1-1881 2-1233
-- INDIUM HYDRIDE
2- 678
-- IODINE CYANIDE
1-1453 3- 670
-- LITHIUM BOROHYDRIDE
2- 678
-- MEASUREMENT OF
3-2235
-- METAL COMPLEXES
1- 65
-- METHANE
1-1881 2-1233
-- METHANE MONODEUTERO-
1-1881 2-1233
-- METHYL CHLORIDE
2- 331
-- METHYL FLUORIDE
2-1918
-- ORGANIC COMPOUNDS
3-1613
-- PHOSPHORUS TRIFLUORIDE
2-1918
-- SULFUR DIOXIDE
2- 331
-- THALLIUM HYDRIDE
2- 678
-- WATER
1-1815
STYRENE
-- EFFECTS OF RADIATION ON
3-2135
-- POLYMERIZATION OF
3-2135
-- PROPERTIES CHEMICAL
1- 877
SUCCINIC ACID
-- DEGRADATION OF
1- 618

SUCCINIC ACID
-- METABOLISM OF
1-1238 3- 61 3- 273 3-1627
-- SYNTHESIS OF LABELED
3- 95
SUCROSE
-- METABOLISM OF
2-1293 3-1323
-- SYNTHESIS OF LABELED
1- 61 2-1293 3- 527 3-2140
SUGARS
-- SYNTHESIS OF LABELED
3- 528
SULFANILAMIDE
-- BINDING BY BACTERIA
2-2234
-- EFFECT ON PROTEIN METABOLISM
1- 393
SULFIDES ALKYL POLYFLUORO
-- SYNTHESIS
3-2149
SULFONES
-- SYNTHESIS
3-2149
SULFOPHTHALIC ANHYDRIDE
-- REAGENT FOR RESINS
2- 421
SULFUR
-- ANALYSIS
3-2129
-- CROSS SECTION NEUTRON
1-1631 2-1393
-- METABOLISM STUDIES WITH ISOTOPES
1- 375 1- 393 1- 569 1- 582 1-1734
2-1151 2-1726 2-1727 2-1729 2-2052
2-2237 3- 621
-- PROPERTIES NUCLEAR
2- 846
-- RADIATION ABSORPTION BY
1-1001 2- 90 3-1237
-- RADIATION SCATTERING BY
2- 386
-- RADIATION STOPPING BY
2-1171
-- SEPARATION METHODS
3-1204 3-2139
-- SPECTRA
2- 870
-- STRUCTURE CRYSTAL
3- 831 3-1950
SULFUR ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 471 2-1213 3- 388 3-2225
-- PROPERTIES NUCLEAR
1-1700 3-1133 3-1402 3-1685 3-2272
-- SEPARATION METHODS
1- 478
-- TRACER APPLICATIONS
1- 866 1- 867 2-1151
-- USES IN SYNTHESES
1- 867 2-1125
SULFUR S-32
-- CROSS SECTION DEUTERON
2-1609
-- PROPERTIES NUCLEAR
1- 988 2-1404 2-1609 2-1968
SULFUR S-33
-- PROPERTIES NUCLEAR
1-1155 2-1609 3-1955
SULFUR S-34
-- TRACER APPLICATIONS
1- 569
SULFUR S-35
-- FORMATION OF
1- 62 1- 469 3-1204 3-2139
-- PROPERTIES NUCLEAR
1- 3 1- 330 1-1181 1-1193 1-1233
1-1475 1-1699 2- 374 2- 627 2-1142
2-1213 3-1464 3-1955 3-2310
-- THERAPEUTIC USES
1- 560 3-2092
-- TRACER APPLICATIONS
1- 375 1- 393 1- 582 1- 877 1-1734
2- 350 2-1726 2-1727 2-1729 2-2052
2-2234 2-2237 3- 598 3- 621 3- 623
3- 902 3-1355 3-2048 3-2055 3-2066
3-2129
-- USES IN SYNTHESES
1- 877 3- 647 3-1667
SULFUR S-36
-- FORMATION OF
1- 63
SULFUR COMPOUNDS
-- SULFIDE DEUTERIUM
1- 80
-- SULFIDE HYDROGEN
1- 80
-- SULFUR DIOXIDE
1- 478 2- 331
-- SULFUR MONOCHLORIDE
1-1362
SULFURIC ACID
-- PUMPS FOR
3-1701
SUN
-- EFFECT ON COSMIC RADIATION
2-1364 2-1776
-- SPECTRA
2- 390
SWINE
-- EFFECTS OF RADIATION ON
2- 36 2-1656 3- 906 3-1043 3-1175
3-1829
-- METABOLISM AND TOXICOLOGY STUDIES
2-1153 2-1512 3-1320
SYNCHROTRONS
SEE ACCELERATORS PARTICLE
SYRINGE SHIELDS
-- CONSTRUCTION AND OPERATION
3- 546
SZILARD-CHALMERS REACTION
SEE ISOTOPES SEPARATION METHODS

TABLES
-- CONFLUENT HYPERGEOMETRIC FUNCTIONS
3-1939
-- CROSS SECTION NEUTRON
3-2242
-- DIELECTRIC CONSTANTS
3-1286
-- ENERGY LEVELS IN NUCLEI
3-2267
-- ISOTOPES PROPERTIES AND RELATIONS
3-1128 3-2249 3-2250 3-2324
TANTALUM
-- ANALYSIS
2-1222
-- CROSS SECTION NEUTRON
3- 764
-- EMISSION OF ELECTRONS BY
1-1457
-- PRODUCTION
1-1623
-- PROPERTIES METALLURGICAL
1-1143 2- 158 2- 763 2- 766 3- 341
-- PROPERTIES NUCLEAR
2-1438 2-2222 3-1605
-- RADIATION ABSORPTION BY
2- 373 3- 986
-- RADIATION STOPPING BY
2-1885
-- STRUCTURE CRYSTAL
1-1584
TANTALUM ISOTOPES
-- FORMATION OF
2-2220
-- PROPERTIES NUCLEAR
2- 638 2-2020 3-2253
TANTALUM TA-176
-- PROPERTIES NUCLEAR
1-1277
TANTALUM TA-177
-- PROPERTIES NUCLEAR
1-1277
TANTALUM TA-179
-- PROPERTIES NUCLEAR
1-1277
TANTALUM TA-181
-- CROSS SECTION NEUTRON
2-2143
-- PROPERTIES NUCLEAR
1- 107 1-1484 2- 287 2-1404 2-1972
3- 162 3- 881
TANTALUM TA-182
-- PROPERTIES NUCLEAR
1- 157 1- 885 3- 884
-- RADIOGRAPHIC USES
3-1673 3-2170
TANTALUM ALLOYS
-- PROPERTIES
2-1080 2-2127 2-2129 3-1111 3-1558
TANTALUM COMPOUNDS
-- TANTALUM BORIDE
3-2146
-- TANTALUM CARBIDE
2-1079 2-1183 3-1674
TECHNETIUM
-- ABUNDANCE AND DISTRIBUTION
3- 678
-- ANALYSIS
1- 51
-- PRODUCTION
1-1623 2- 574
-- PROPERTIES CHEMICAL
1- 834 2- 574 2- 678
-- PROPERTIES NUCLEAR
1- 834
-- PROPERTIES PHYSICAL
1- 834
-- SEPARATION METHODS
2- 574 2-2087
-- SPECTRA
2-1717
-- STRUCTURE CRYSTAL
1-1807 2- 462
TECHNETIUM ISOTOPES
-- FORMATION OF
1- 519 1-1506

TECHNETIUM ISOTOPES
-- PROPERTIES NUCLEAR
1- 191 1- 305 1-1506 3- 495
-- SPECTRA
1-1506
TECHNETIUM TC-92
-- PROPERTIES NUCLEAR
1- 639
TECHNETIUM TC-93
-- PROPERTIES NUCLEAR
2- 639
TECHNETIUM TC-94
-- PROPERTIES NUCLEAR
1- 299
TECHNETIUM TC-95
-- PROPERTIES NUCLEAR
1- 299 1- 544 1-1479
TECHNETIUM TC-96
-- PROPERTIES NUCLEAR
1- 300 1-1479
TECHNETIUM TC-97
-- PROPERTIES NUCLEAR
1- 300 2-1686
TECHNETIUM TC-98
-- PROPERTIES NUCLEAR
1- 299
TEETH
-- DEPOSITION OF GALLIUM COMPOUNDS IN
3-1180
-- DEPOSITION OF URANIUM IN
1- 612 1-1248 2- 898
-- METABOLISM OF CALCIUM IN
1- 580
-- METABOLISM OF PHOSPHORUS IN
1- 47 1- 580 1-1058 1-1742 2- 882
TELLURIUM
-- ANALYSIS
3- 88
-- METABOLISM AND TOXICOLOGY
2-1181 3-1176
-- PRODUCTION
1-1623
-- PROPERTIES CHEMICAL
1- 158 2-1520
-- PROPERTIES PHYSICAL
2- 253 2-1623
-- STRUCTURE ATOMIC
1-1456
TELLURIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220 3-2223
-- PROPERTIES NUCLEAR
1- 158 3-1405
TELLURIUM TE 121
-- PROPERTIES NUCLEAR
2- 634
TELLURIUM TE 123
-- PROPERTIES NUCLEAR
3-2261
TELLURIUM TE 125
-- PROPERTIES NUCLEAR
1-1703 2- 991 2-1136 3-1317 3-1404
3-1469
-- SPECTRA
3-1404
TELLURIUM TE 127
-- PROPERTIES NUCLEAR
2- 848
TELLURIUM TE 128
-- PROPERTIES NUCLEAR
3-2013
TELLURIUM TE 130
-- PROPERTIES NUCLEAR
3-2013
TELLURIUM TE 131
-- CROSS SECTION NEUTRON
1- 136 2-1800
TELLURIUM TE 132
-- FORMATION OF
3-1265
-- PROPERTIES NUCLEAR
1-1359 2-1669
-- RANGES IN MATERIAL
3-1265
TELLURIUM COMPOUNDS
-- TELLURIDE DEUTERIUM
1- 80
-- TELLURIDE HYDROGEN
1- 80
-- TELLURIUM DIOXIDE
1-1906
TEMPERATURE SCALES
3- 419
TERBIUM
-- SPECTRA
1- 563 1-1334 1-1938
TERBIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1498
-- FORMATION OF
2-2220
-- PROPERTIES NUCLEAR
1- 654 2- 638 2-2209
TERBIUM TB-152
-- PROPERTIES NUCLEAR
1-1277
TERBIUM TB-153
-- PROPERTIES NUCLEAR
1-1277
TERBIUM TB-154
- PROPERTIES NUCLEAR
1-1277
TERBIUM TB-155
-- PROPERTIES NUCLEAR
1-1277
TERBIUM TB-160
-- PROPERTIES NUCLEAR
1- 543
TERBIUM TB-161
-- PROPERTIES NUCLEAR
1- 543
TERBIUM COMPOUNDS
-- TERBIUM PERCHLORATE
1-1938
TESTES
SEE ALSO OVARIES AND STERILITY
-- EFFECTS OF RADIATION ON
2-1058 2-1061 3- 8 3-1040 3-1518
TESTES DISEASES
-- RADIATION THERAPY
3- 233 3- 934 3-1064
TESTOSTERONE
-- RADIATION SICKNESS THERAPY USING
3-1812
-- SYNTHESIS OF LABELED
3- 288
TETRACHLOROETHANE
SEE ETHANE TETROCHLORO-
TETRAZOLIUM CHLORIDE DERIVATIVES
- METABOLISM OF
3- 612
THALLIUM
-- ANALYSIS
1-1726 2- 360 2- 905 2-1544 3- 75
-- CROSS SECTION NEUTRON
2-1974 3-1575
-- PRODUCTION
1-1623
-- PROPERTIES CHEMICAL
2- 82 2- 929 2-1544 3- 640 3-1534
3-1865
-- RADIATION ABSORPTION BY
3- 986
-- SEPARATION METHODS
2- 81
-- SPECTRA
1- 477
THALLIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
-- PROPERTIES NUCLEAR
2-1383 3-2249
-- SEPARATION METHODS
1- 476 1- 477 3- 139
THALLIUM TL-198
-- PROPERTIES NUCLEAR
2-2028
THALLIUM TL-199
-- PROPERTIES NUCLEAR
2-2028
THALLIUM TL-200
-- PROPERTIES NUCLEAR
2-2028
THALLIUM TL-203
-- PROPERTIES NUCLEAR
2-1229 2-1399
THALLIUM TL-204
-- PROPERTIES NUCLEAR
3-2323
THALLIUM TL-205
-- ISOTOPIC SEPARATION
3-1388
-- PROPERTIES NUCLEAR
2-1229 2-1399 3-1397
THALLIUM TL-208
-- PROPERTIES NUCLEAR
2- 283 2- 550 2- 890 2-1143 2-1440
2-1827
THALLIUM TL-209
-- PROPERTIES NUCLEAR
1-1183 1-1316
THALLIUM COMPOUNDS
-- THALLIUM BROMIDE
1- 860 1-1859 2-1974
-- THALLIUM CHLORIDE
3- 640
-- THALLIUM HYDRIDE
2- 678
-- THALLIUM HYDROXIDE
2-1544
-- THALLIUM IODIDE
1- 860
-- THALLIUM NITRATE
1-1586
-- THALLIUM OXINATES
2- 929 2-1544 3-1534
-- THALLIUM PERCHLORATE
1-1586
THENOYLTRIFLUOROACETONE
SEE ACETONE THENOYLTRIFLUORO-
THEORY
SEE CLASSICAL MECHANICS COLLISION

THEORY
THEORY ELECTROMAGNETIC FIELD THEORY
MESON FIELD THEORY PERTURBATION
THEORY QUANTUM MECHANICS
RELATIVITY THEORY AND STATISTICAL
MECHANICS
SEE SUBHEADING THEORY OF UNDER NUCLEAR
FORCES AND RADIATION
THEPHORIN
SEE ANTIHISTAMINIC DRUGS
THERMAL DIFFUSION
SEE ISOTOPES SEPARATION METHODS
THERMOCOUPLES
-- CONSTRUCTION AND OPERATION
2- 494
-- NEUTRON DETECTION WITH
2-1384
THERMODYNAMICS
-- EQUATION OF STATE
3-2286
-- GASES
2- 952 2- 977
-- PHASE TRANSITIONS
3-1984
-- QUANTUM MECHANICS APPLICATION TO
2-2016 3-1487
-- SOLUTIONS
2-1031
THERMOPILES
-- CONSTRUCTION AND OPERATION
3-1996
-- RADIATION DETECTION USES
3-1996
THIAMINE
-- EFFECT ON PLANT GROWTH
2- 900
THIAZINE DYES
-- HEPARIN INACTIVATION BY
2-1328
THIAZOLE 2-AMINO
-- EFFECT ON IODINE METABOLISM
1- 710 1- 711
THICKNESS GAUGES
SEE GAUGES
THIOURACIL
-- EFFECT ON IODINE METABOLISM
1- 710 1- 711 1- 845 1-1350
-- EFFECT ON METABOLISM
2-2076
-- THERAPEUTIC USES
2-2217 3- 56
THIOURACIL BENZYL-
-- EFFECT ON IODINE METABOLISM
1- 710 1- 711
THIOURACIL METHYL
-- EFFECT ON IODINE METABOLISM
1- 711
THIOURACIL PROPYL
-- EFFECT ON IODINE METABOLISM
1- 710 1- 711
-- THERAPEUTIC USES
1-1039
THORIUM
-- ABUNDANCE AND DISTRIBUTION
3- 695
-- ANALYSIS
1- 284 1- 285 1- 490 1- 492 1- 853
1-1204 1-1430 1-1785 1-1939 1-1968
2- 56 2- 58 2- 433 2- 716 2- 864
2- 905 2-1711 2-1897 3- 83 3- 84
3- 628 3- 629 3- 685 3- 947 3-1656
-- BIBLIOGRAPHIES
3-1656
-- CROSS SECTION ALPHA
1- 301 1-1009
-- FISSION OF
2- 782 2-1097 3-2237
-- METABOLISM AND TOXICOLOGY
1- 423 1-1095 1-1542 1-1770 2-1181
3- 523
-- PRODUCTION
1- 972 1-1623 1-1628 1-1629 1-1854
-- PROPERTIES CHEMICAL
2- 430 2- 433 3- 959 3-1090 3-1535
-- PROPERTIES NUCLEAR
1- 169 1- 304 1- 671 1- 835 1-1009
1-1083 1-1189 2- 205 2- 989 2-1041
2-1488
-- RADIATION ABSORPTION BY
2- 373
-- RADIATION STOPPING BY
2-1885
-- SEPARATION METHODS
3-1656
-- SPECTRA
1-1221
-- STRUCTURE ATOMIC
2-1479
THORIUM ISOTOPES
-- PROPERTIES NUCLEAR
1-1930
-- TRACER APPLICATIONS
3- 332
THORIUM TH-226
-- PROPERTIES NUCLEAR
1-1189
THORIUM TH-227
-- PROPERTIES NUCLEAR
2-1436 3-1166
THORIUM TH-228
-- PROPERTIES NUCLEAR
3- 900
THORIUM TH-229
-- PROPERTIES NUCLEAR
1-1316 2-1036
THORIUM TH-230
-- FISSION OF
3-2244
-- PROPERTIES NUCLEAR
2- 630 2- 997 2- 998 2-1436 2-2194
3-1160 3-1166
THORIUM TH-231
-- PROPERTIES NUCLEAR
2- 892 3- 896
THORIUM TH-232
-- FISSION OF
2-1608 3- 142 3-1585 3-2244
-- PROPERTIES NUCLEAR
1-1864 2-1038 3-1165
-- SPALLATION OF
3-1752
THORIUM TH-234
-- PROPERTIES NUCLEAR
1-1185 2- 294 3- 896
-- TRACER APPLICATIONS
1-1095 2- 676 3-2144
THORIUM B
SEE LEAD PB-212
THORIUM C
SEE BISMUTH BI-212
THORIUM C PRIME
SEE POLONIUM PO-212
THORIUM C DOUBLE PRIME
SEE THALLIUM TL-208
THORIUM X
SEE RADIUM RA 224
THORIUM ALLOYS
-- ANALYSIS
1-1785
-- PROPERTIES PHYSICAL
2- 930
-- STRUCTURE CRYSTAL
2-1378 3-2142
THORIUM COMPOUNDS
-- THORATE POTASSIUM FLUO-
1- 762 1- 763
-- THORATE SODIUM FLUO-
1- 762 1- 763
-- THORIUM ACETYLACETONATE
1-1371 2- 864 3-1210
-- THORIUM CHLORIDES
2-1533 3-1890
-- THORIUM CITRATE
1-1542
-- THORIUM FLUORIDES
1- 590 3-2144
-- THORIUM HYDRIDES
1- 632
-- THORIUM IODATE
2- 430
-- THORIUM NITRATE
1- 258 1- 446 1-1095 3- 648 3-1544
-- THORIUM OXALATES
3-1535
-- THORIUM OXIDES
1- 423 1- 448 1- 647 1- 910 1- 912
1-1095 1-1548 1-1628 1-1906 2- 54
3- 683
-- THORIUM OXYSULFIDE
1- 723
-- THORIUM SULFATE
1- 326 1-1095 1-1514
-- THORIUM SULFIDES
1- 723 1-1097 1-1098 1-1099
THORIUM ORES
-- ANALYSIS
1-1430 3- 628 3- 629 3- 683 3- 685
-- ANALYSIS CHEMICAL
2- 56
-- ANALYSIS RADIOMETRIC
1- 284 1- 285 1- 490 1- 492 1-1855
2- 518 2- 934 2-1382
-- DETECTION OF
2- 519 3- 119 3-1679
-- OCCURRENCE
1- 129 1-1630 2- 517 2- 519 3-1914
3-2185
-- PROPERTIES PHYSICAL
3-1911
-- RADIOACTIVITY IN
3- 352 3-1913
-- RARE EARTH EXTRACTIONS FROM
3-1894
THORON
-- SYNTHESIS OF
2-1697
THOROTRAST
-- EFFECTS ON BLOOD SYSTEM
3-2079
THREONINE
-- METABOLISM OF
3-1319

THROMBIN
-- INACTIVATION OF
2- 710
THULIUM
-- PROPERTIES PHYSICAL
3- 307
-- SEPARATION METHODS
3- 307
THULIUM ISOTOPES
-- FORMATION OF
2-1014 2-2220 2-2222
-- PROPERTIES NUCLEAR
2- 638 2-1014 2-2222
THULIUM TM-166
-- PROPERTIES NUCLEAR
1-1277
THULIUM TM-167
-- PROPERTIES NUCLEAR
1-1277
THULIUM TM-168
-- PROPERTIES NUCLEAR
1-1277
THULIUM TM-169
-- PROPERTIES NUCLEAR
1-1484
THULIUM TM-170
-- PROPERTIES NUCLEAR
3- 880 3-1607 3-2016 3-2019 3-2023
3-2338
THULIUM TM-171
-- PROPERTIES NUCLEAR
1-1484
THYMINE
-- ANALYSIS
2-2086
-- PREPARATION OF
3-1629
THYMUS GLAND
-- EFFECTS OF RADIATION ON
1- 245 1- 739 2- 24 2- 25 2- 398
2- 403 2- 404 3-1831 3-1832 3-2074
3-2083 3-2084
-- METABOLISM OF NUCLEIC ACID IN
3-1322
THYROGLOBULINS
-- METABOLISM OF
3- 938
THYROID DISEASES
-- CHEMICAL THERAPY
2-2217 3- 54 3- 56 3- 567
-- DIAGNOSIS WITH RADIOIODINE
1- 675 1-1063 1-1329 1-1512 1-1740
1-1934 2- 343 3-1863 3-1864 3-2054
3-2070
-- RADIATION THERAPY
2- 24 2- 646 2-2217 3- 38 3- 54
3- 588 3- 918 3- 921 3- 930 3-1182
-- RADIOISOTOPES THERAPY
1- 350 1- 354 1- 355 1- 552 1- 554
1- 556 1- 557 1- 845 1- 847 1- 849
1- 875 1-1063 1-1199 1-1329 1-1330
1-1358 1-1934 1-1935 1-1936 1-1937
1-1957 2- 309 2-1007 2-1278 2-2217
2-2219 3- 36 3- 43 3- 45 3- 46
3- 52 3- 53 3- 54 3- 56 3- 67
3- 262 3- 264 3- 277 3- 567 3- 918
3- 920 3- 924 3-1056 3-1072 3-1182
3-1856 3-2113
THYROID EXTRACT
-- EFFECT ON METABOLISM RATES
2-2078
THYROID GLAND
-- EFFECTS OF RADIATION ON
1- 29 1- 30 1- 246 1-1350 3- 200
3-1046 3-1833
-- IODINE METABOLISM IN
1- 30 1- 246 1- 249 1- 250 1- 385
1- 710 1- 711 1- 712 1- 849 1-1039
1-1329 1-1350 1-1351 1-1507 1-1735
1-1739 1-1740 1-1957 2- 41 2- 335
2- 337 2- 403 2- 404 2-1029 2-1151
2-1157 2-1278 2-1295 2-2232 2-2233
3- 59 3- 277 3- 596 3- 617 3- 622
3- 936 3- 945 3-1082 3-1083 3-1181
3-1191 3-1192 3-1502 3-2053 3-2068
3-2069
-- RADIOAUTOGRAPHY OF
1-1489
THYROTROPINS
SEE ALSO HORMONES
-- THYROID RESPONSE TO
1-1350 2-1029
THYROXINE
-- EFFECTS ON IRRADIATED THYMUS
3-1832
-- METABOLISM OF
1- 30 1- 249 1- 385 1- 712 1-1039
2- 41 2- 397 2-1157 3- 622 3-2069
-- SYNTHESIS OF LABELED
3-1341
-- THERAPEUTIC USES
3-1833
TIMERS
SEE RECORDING SYSTEMS

TIN
-- ANALYSIS
3- 82
-- CROSS SECTION GAMMA
2-1166
-- CROSS SECTION NEUTRON
2- 777 3-2236
-- ELECTRON EMISSION FROM
3-1458
-- PROPERTIES NUCLEAR
2-1843 3-1750 3-1759
-- RADIATION ABSORPTION BY
1- 728 1-1374 2- 375 2-1166 3-1493
-- SEPARATION METHODS
3-1659
TIN ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3- 761 3-2220
TIN SN-111
-- PROPERTIES NUCLEAR
3-1477
TIN SN-113
-- FORMATION OF
3-1659
-- PROPERTIES NUCLEAR
3-1659
TIN SN-114
-- FORMATION OF
3-1026
TIN SN-115
-- PROPERTIES NUCLEAR
1-1594 2-1612 3-1719
TIN SN-119
-- PROPERTIES NUCLEAR
3- 686 3-1397 3-1719
TIN SN-120
-- PROPERTIES NUCLEAR
3- 686 3-1750
TIN SN-121
-- FORMATION OF
3-1750 3-1759
-- PROPERTIES NUCLEAR
3-1603 3-1750 3-1759
TIN SN-122
-- PROPERTIES NUCLEAR
3-1661 3-1750
TIN SN-123
-- FORMATION OF
3-1750 3-1759
-- PROPERTIES NUCLEAR
3-1603 3-1750 3-1759
TIN SN-124
-- PROPERTIES NUCLEAR
2- 233 2-1137 3-1397 3-1661 3-1750
TIN SN-125
-- FORMATION OF
3-1759
-- PROPERTIES NUCLEAR
3-1759
TIN ALLOYS
- PRODUCTION
2-1380
-- PROPERTIES
1-1264
-- STRUCTURE CRYSTAL
1-1965
TIN COMPOUNDS
-- STANNANES
2- 76
-- TIN HYDRIDE
2- 76
TIN ORES
-- INDIUM ISOTOPES IN
1-1594
TISSUE
-- ANALYSIS HISTOCHEMICAL
3- 214
-- ANALYSIS RADIOMETRIC
3- 533 3- 610 3-1087 3-2062
-- DISTRIBUTION OF ANESTHETICS IN
3- 624
-- EFFECTS OF RADIATION ON
3- 561 3-1051 3-1175 3-1824 3-1829
-- METABOLISM OF FATS IN
3-2073
-- RADIATION ABSORPTION BY
3- 969
-- RADIATION SCATTERING BY
3- 762
-- RADIOGRAPHIC TECHNIQUES FOR
3-1646
TITANIUM
-- ANALYSIS
1-1253 1-1392 1-1726 1-1787 2- 360
2-1491 2-1595 3- 637 3-1335
-- CORROSION
1-1557 3- 113 3- 117 3-1366 3-1676
-- CROSS SECTION NEUTRON
2-1974
-- PRODUCTION
1- 280 1- 968 1-1428 1-1619 1-1620
1-1623 2-1589 2-1590 2-1958 3- 110
3- 702 3- 705

TITANIUM
-- PROPERTIES CHEMICAL
1-1546 1-1557 2- 767 2- 928 3-1535
3-2180
-- PROPERTIES METALLURGICAL
1- 280 1-1427 1-1428 1-1557 1-1620
2- 158 2- 768 2-1583 2-1584 2-1586
2-1592 2-1593 2-1958 3- 110 3- 112
3- 113 3- 118 3- 341 3- 349 3- 350
3- 351 3- 702 3- 705 3-1678 3-1906
3-1908
-- PROPERTIES PHYSICAL
2- 162 2- 765 2- 768 2-2131 3-1113
3-1906 3-1908
-- RADIATION SCATTERING BY
1- 985
-- SPECTRA
1- 567 1-1342 2- 322
-- STRUCTURE CRYSTAL
3- 962
TITANIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2-1751
TITANIUM TI-43
-- PROPERTIES NUCLEAR
1- 796
TITANIUM TI-45
-- FORMATION OF
3- 399
TITANIUM TI-46
-- PROPERTIES NUCLEAR
2- 1
TITANIUM ALLOYS
-- ANALYSIS
1-1392
-- CORROSION
1-1557
-- PRODUCTION
1-1620 1-1852 2-1958
-- PROPERTIES
1-1620 2-1585 2-1958 3- 111 3- 112
3- 114 3- 115 3- 116 3- 117 3- 351
3- 698 3-1113 3-1365
TITANIUM COMPOUNDS
-- TITANATE BARIUM
3- 650
-- TITANIUM BORIDE
2-2130 3-2146
-- TITANIUM CARBIDE
1- 793 1- 985 1-1859 2-1974 2-2130
3-1674 3-1902 3-2180
-- TITANIUM CHLORIDE
1- 633
-- TITANIUM HYDRIDE
1- 757 1-1790
-- TITANIUM IODIDE
1- 968
-- TITANIUM NITRIDE
3- 767 3-2180
-- TITANIUM OXALATES
3-1535
-- TITANIUM OXIDES
1- 134 1-1144 2- 767 2-1786 2-2130
3-2180
-- TITANIUM SULFATE
1-1255
TITANIUM ORES
-- ANALYSIS
1-1787
-- COMMERCIAL USES
3- 350
-- OCCURRENCE
1-1145 1-1429
TOLUENE
-- NEUTRON RETARDATION BY
1- 219
-- SPECTRA
1-1821
-- SYNTHESIS OF LABELED
1-1789
TOLUENE ALPHA-TRIFLUORO
-- VAPOR PRESSURE
2- 133
TOLUENE ALPHA-TRIFLUORO M-CHLORO
-- PROPERTIES
1-1408
TOLUENE ALPHA TRIFLUORO O-CHLORO
-- PROPERTIES
1- 939
TOLUENES FLUORO-
-- PROPERTIES CHEMICAL
1-1409
-- SPECTRA
1-1821
TOLUIDINE BLUE
-- EFFECTS ON BLOOD COAGULATION
3- 22
-- HEPARIN INACTIVATION BY
2-1328
-- THROMBIN INACTIVATION BY
2- 710
TONGUE DISEASES
-- RADIATION THERAPY
3- 235 3- 560
-- RADIOISOTOPES THERAPY
3- 235 3- 236

TOXICOLOGY
SEE SUBHEAD METABOLISM AND TOXICOLOGY UNDER SPECIFIC ELEMENT SUCH AS URANIUM
SEE SUBHEAD METABOLISM AND TOXICOLOGY UNDER SPECIFIC ANIMAL SUCH AS RATS ETC
TRACER APPLICATIONS RADIOACTIVE
TRACER APPLICATIONS ARE ALSO LISTED UNDER MAIN HEADINGS ISOTOPES AND SPECIFIC ISOTOPES SUCH AS CARBON C-14
-- AGRICULTURE
1- 255 1- 364 1- 396 1- 709 1-1059
1-1958 2- 333 2- 334 2- 344 2- 347
2- 884 2-1154 2-1299 2-1725 2-1854
2-1855 2-2235 3- 62 3-1505 3-1506
3-1507 3-1508 3-1634
-- BIBLIOGRAPHIES
1- 387
-- BIOLOGY
1- 40 1- 43 1- 47 1- 252 1- 255
1- 342 1- 343 1- 350 1- 361 1- 364
1- 365 1- 366 1- 370 1- 371 1- 372
1- 374 1- 375 1- 376 1- 377 1- 378
1- 380 1- 382 1- 383 1- 384 1- 385
1- 386 1- 387 1- 388 1- 389 1- 390
1- 391 1- 392 1- 393 1- 394 1- 395
1- 396 1- 473 1- 552 1- 557 1- 559
1- 571 1- 572 1- 573 1- 574 1- 575
1- 576 1- 577 1- 578 1- 580 1- 581
1- 582 1- 583 1- 701 1- 709 1- 710
1- 711 1- 712 1- 713 1- 714 1- 715
1- 717 1- 718 1- 750 1- 830 1- 844
1- 863 1- 864 1- 865 1- 869 1- 870
1- 871 1- 872 1- 874 1- 875 1- 876
1-1051 1-1053 1-1054 1-1055 1-1056
1-1057 1-1058 1-1060 1-1061 1-1062
1-1063 1-1212 1-1214 1-1215 1-1216
1-1217 1-1329 1-1331 1-1350 1-1351
1-1352 1-1353 1-1354 1-1355 1-1356
1-1358 1-1386 1-1387 1-1388 1-1389
1-1495 1-1507 1-1508 1-1509 1-1510
1-1512 1-1733 1-1734 1-1735 1-1736
1-1737 1-1738 1-1739 1-1740 1-1741
1-1742 1-1936 1-1957 1-1958 2- 334
2- 335 2- 336 2- 337 2- 338 2- 339
2- 341 2- 342 2- 343 2- 344 2- 345
2- 346 2- 404 2- 644 2- 664 2- 665
2- 666 2- 667 2- 668 2- 670 2- 671
2- 672 2- 673 2- 758 2- 866 2- 873
2- 877 2- 878 2- 879 2- 880 2- 881
2- 882 2- 883 2- 901 2-1018 2-1019
2-1020 2-1021 2-1025 2-1026 2-1027
2-1030 2-1097 2-1150 2-1151 2-1152
2-1153 2-1154 2-1155 2-1156 2-1157
2-1158 2-1181 2-1182 2-1214 2-1216
2-1293 2-1295 2-1296 2-1297 2-1298
2-1299 2-1326 2-1331 2-1455 2-1456
2-1457 2-1458 2-1459 2-1460 2-1461
2-1462 2-1463 2-1464 2-1465 2-1726
2-1727 2-1728 2-1729 2-1730 2-1731
2-1732 2-1852 2-1853 2-1854 2-1855
2-1856 2-1857 2-1858 2-1860 2-1862
2-1963 2-2048 2-2049 2-2050 2-2051
2-2052 2-2053 2-2054 2-2081 2-2227
2-2228 2-2229 2-2230 2-2231 2-2232
2-2233 2-2234 2-2235 2-2236 2-2237
2-2238 3- 58 3- 59 3- 60 3- 61
3- 63 3- 64 3- 67 3- 68 3- 69
3- 70 3- 72 3- 74 3- 264 3- 266
3- 267 3- 268 3- 269 3- 270 3- 271
3- 272 3- 273 3- 274 3- 275 3- 276
3- 278 3- 513 3- 529 3- 572 3- 592
3- 593 3- 594 3- 595 3- 598 3- 597
3- 598 3- 600 3- 601 3- 602 3- 604
3- 605 3- 606 3- 607 3- 608 3- 609
3- 610 3- 611 3- 612 3- 614 3- 615
3- 616 3- 617 3- 618 3- 619 3- 620
3- 621 3- 622 3- 623 3- 624 3- 625
3- 626 3- 937 3- 938 3- 939 3- 940
3- 941 3- 942 3- 943 3- 945 3- 951
3-1047 3-1049 3-1080 3-1081 3-1083
3-1084 3-1177 3-1180 3-1181 3-1189
3-1190 3-1191 3-1192 3-1193 3-1194
3-1203 3-1322 3-1323 3-1324 3-1325
3-1330 3-1342 3-1501 3-1502 3-1503
3-1504 3-1623 3-1624 3-1625 3-1626
3-1628 3-1929 3-1630 3-1631 3-1632
3-1633 3-1650 3-1785 3-1790 3-1796
3-1797 3-1798 3-1799 3-1800 3-1801
3-1802 3-1803 3-1804 3-1805 3-1806
3-1808 3-1809 3-1810 3-1856 3-2048
3-2049 3-2050 3-2051 3-2053 3-2054
3-2055 3-2056 3-2058 3-2059 3-2060
3-2061 3-2063 3-2064 3-2065 3-2066
3-2067 3-2068 3-2069 3-2070 3-2071
3-2072 3-2073 3-2075 3-2076 3-2079
3-2129
-- CHEMISTRY
1- 59 1- 373 1- 473 1- 579 1- 861
1- 862 1- 866 1- 867 1- 873 1- 877
1-1213 1-1349 1-1792 2- 348 2- 674
2- 872 2- 956 2-1216 2-1327 2-1332
2-1335 2-1343 2-1447 2-1467 2-1468
2-1521 2-1522 2-1733 2-1863 2-1893

TRACER APPLICATIONS RADIOACTIVE
-- CHEMISTRY
2-2055 2-2060 3- 102 3- 103 3- 312
3- 313 3- 316 3- 671 3- 672 3- 673
3- 674 3- 948 3- 954 3- 956 3-1097
3-1631 3-1664 3-1665 3-1667 3-1668
3-2025 3-2137 3-2141 3-2144 3-2272
-- GEOLOGY AND GEOPHYSICS
2-1503 2-1570
-- INDUSTRY
1- 362 1- 364 1- 381 1- 672 1- 716
1- 774 1- 969 1-1831 2- 334 2- 349
2- 350 2- 675 2- 885 2- 886 2- 887
2-1174 2-1241 2-1469 2-1734 2-1955
2-2057 3- 328 3- 329 3- 330 3- 332
3- 498 3- 687 3- 688 3- 960
-- METALLURGY
3- 331 3- 689 3-1355
-- PHYSICS
1- 379 1-1963 2- 676 2-1031 2-1032
2-1159 2-1160 2-1300 2-1735 2-2058
3- 497 3- 498 3- 902 3-1034 3-1631
TRACER APPLICATIONS STABLE
TRACER APPLICATIONS ARE ALSO LISTED UNDER MAIN HEADINGS ISOTOPES AND SPECIFIC ISOTOPES SUCH AS DEUTERIUM
-- BIOLOGY
1- 361 1- 363 1- 365 1- 366 1- 367
1- 368 1- 369 1- 370 1- 371 1- 569
1- 571 1- 708 1- 865 1- 872 1-1051
1-1052 1-1053 2- 332 2- 875 2- 884
2-1294 2-1465 3- 65 3- 71 3- 272
3- 599 3- 603 3-1627 3-1807
-- CHEMISTRY
1- 570 1-1211 2-1733 3- 314 3- 315
3- 675 3- 676 3-1666 3-1669 3-1892
TRACHEA
-- EFFECTS OF RADIATION ON
3-1046
TRADESCANTIA
SEE PLANTS
TRANSURANIC ELEMENTS
SEE ELEMENTS TRANSURANIC
TRAPS
-- FOR VACUUM SYSTEMS
3-1213 3-1548
TRIDECANOIC ACID
-- PROPERTIES
3- 645
-- SYNTHESIS OF LABELED
3- 645
TRIFLUOROETHANE
SEE ETHANE TRIFLUORO
TRIGONOMETRIC FUNCTIONS
SEE ALSO MATHEMATICS
-- FOR NEUTRON DIFFUSION CALCULATIONS
2-1387
TRILLIUM
SEE PLANTS
TRIPHENYL METHANE
SEE METHANE TRIPHENYL-
TRITIUM
SEE ALSO DEUTERIUM AND HYDROGEN
-- ANALYSIS
2-1063 2-1216
-- CROSS SECTION DEUTERON
1-1161
-- CROSS SECTION PROTON
1-1635 2-1615
-- FORMATION OF
1- 955 1- 978 2-1600 2-1613 2-1987
3-1260 3-1423
-- PROPERTIES CHEMICAL
2-1216
-- PROPERTIES NUCLEAR
1-1004 1-1011 1-1148 1-1168 1-1319
1-1476 1-1635 1-1720 1-1866 2- 204
2- 850 2- 968 2-1216 2-1228 2-1497
2-1615 2-1616 2-1688 2-1692 2-1826
2-1839 2-1842 2-1968 2-1981 2-2150
2-2151 2-2152 2-2195
-- PROPERTIES PHYSICAL
1-1914 2-1216 3- 185 3- 399 3-1755
3-1970
-- SPECTRA
1-1720 2- 657 2-2226 3- 309
-- TRACER APPLICATIONS
2-1158 2-1216
-- USES IN SYNTHESES
3-1667
TRITIUM COMPOUNDS
-- TRITIUM DEUTERIDE
2- 469
TRITONS
-- DETECTION AND MEASUREMENT
1- 505 1-1441 2-1107 3-1154 3-1155
-- DIFFUSION AND SCATTERING
1- 933 2- 893 2-1045
-- FROM CARBON ISOTOPES
2-1799
-- FROM LITHIUM ISOTOPES
3-2276 3-2294
-- FROM SILVER ISOTOPES
1- 303
-- NUCLEAR REACTIONS
1-1010 1-1160
TRITONS
-- POLARIZATION OF
2-1093
-- PROPERTIES
2- 564 2- 781 3-2251 3-2258 3-2268
-- SPIN AND MOMENT
2- 231
-- WAVE EQUATIONS FOR
2- 564 3-2251 3-2268
TROCHOTRONS
SEE MASS SPECTROMETERS
TRYPTOPHANE
-- METABOLISM OF
1- 372 2- 667 2- 900 2-1456 2-2048
2-2049 3- 71
-- SYNTHESIS OF LABELED
1-1397 2-1762
TUBES
SEE DARK TUBES ELECTRONMULTIPLIER PHOTOMULTIPLIER VACUUM AND X-RAY TUBES
TUMORS AND CANCERS
-- CAUSES AND ORIGIN
1- 27 1- 40 1- 423 1- 734 1- 751
1-1597 3- 12 3- 905 3-1046 3-1641
3-1794 3-1814 3-1828 3-1835
-- CHEMICAL THERAPY
2-2035 3-1842
-- METABOLISM PROCESSES IN
1- 40 1- 252 1- 552 1- 581 1-1055
1-1353 1-1736 1-1737 2-1458 2-1862
3-1502
-- RADIATION THERAPY
1- 234 1- 344 1- 345 1- 346 1- 349
1- 350 1- 351 1- 352 1- 419 1- 555
1- 744 1- 846 1-1496 1-1708 2- 308
2- 311 2- 641 2- 643 2- 854 2-1004
2-1011 2-1013 2-1698 2-1847 2-1848
2-2034 2-2035 2-2038 2-2039 2-2210
2-2212 2-2215 2-2218 3- 29 3- 30
3- 31 3- 32 3- 33 3- 40 3- 44
3- 50 3- 202 3- 232 3- 233 3- 234
3- 235 3- 236 3- 237 3- 238 3- 239
3- 240 3- 241 3- 242 3- 245 3- 246
3- 248 3- 249 3- 252 3- 253 3- 254
3- 256 3- 257 3- 258 3- 260 3- 261
3- 549 3- 551 3- 552 3- 555 3- 558
3- 560 3- 561 3- 564 3- 565 3- 566
3- 568 3- 570 3- 574 3- 575 3- 577
3- 578 3- 579 3- 581 3- 582 3- 584
3- 585 3- 586 3- 915 3- 918 3- 923
3- 925 3- 927 3- 928 3- 932 3- 934
3-1038 3-1059 3-1060 3-1061 3-1062
3-1063 3-1064 3-1065 3-1067 3-1068
3-1069 3-1071 3-1074 3-1075 3-1077
3-1078 3-1182 3-1184 3-1185 3-1187
3-1331 3-1516 3-1522 3-1527 3-1528
3-1529 3-1530 3-1531 3-1533 3-1649
3-1843 3-1844 3-1845 3-1846 3-1849
3-1851 3-1853 3-1854 3-1861 3-1862
3-2104 3-2106 3-2109 3-2115
-- RADIOISOTOPES DIAGNOSIS
1- 376 1- 870 1-1512 1-1738 2- 876
2- 877
-- RADIOISOTOPES THERAPY
1- 45 1- 340 1- 551 1- 552 1- 554
1- 558 1- 560 1- 700 1- 846 1- 849
1- 850 1-1196 1-1199 1-1358 1-1709
1-1710 1-1935 1-1936 2- 306 2- 642
2-1004 2-1005 2-1006 2-1009 2-1146
2-1279 2-2039 2-2214 3- 47 3- 53
3- 55 3- 56 3- 232 3- 235 3- 252
3- 254 3- 263 3- 549 3- 554 3- 558
3- 561 3- 571 3- 584 3- 918 3- 923
3- 924 3- 931 3- 932 3- 935 3-1062
3-1069 3-1075 3-1078 3-1182 3-1331
3-1516 3-1517 3-1518 3-1520 3-1525
3-1527 3-1529 3-1530 3-1648 3-1842
3-1845 3-1846 3-1847 3-1851 3-1852
3-1859 3-1862 3-2105 3-2114
-- SURGICAL THERAPY
3-1844 3-1846 3-1851 3-1853 3-1859
3-1862 3-2104
-- SUSCEPTIBILITY OF MICE TO
3-1815
TUNGSTEN
-- ANALYSIS
2- 66 3-1559
-- BIBLIOGRAPHIES
3-1559 3-1677
-- CROSS SECTION NEUTRON
1- 979
-- ELECTRON EMISSION BY
2- 794
-- FISSION OF
3-1975
-- PRODUCTION
3-1559
-- PROPERTIES CHEMICAL
2- 928
-- PROPERTIES METALLURGICAL
3-1559 3-1677
-- PROPERTIES NUCLEAR
2- 667 2- 994 2-1438 3-1605
-- PROPERTIES PHYSICAL
3- 417

TUNGSTEN
-- RADIATION STOPPING BY
2-1973
-- SPECTRA
1-1905 3-1559
-- STRUCTURE CRYSTAL
3-1584
TUNGSTEN ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2-1015 2-2123 3-2220
-- FORMATION OF
3-1964
-- PROPERTIES NUCLEAR
2- 638 3-1964
TUNGSTEN W-185
-- PROPERTIES NUCLEAR
1- 837 1-1701 3-1474
TUNGSTEN W-186
-- CROSS SECTION NEUTRON
3-1945
-- RADIATION SCATTERING BY
3-1945
TUNGSTEN W-187
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- PROPERTIES NUCLEAR
1- 837 2- 297 2- 995 2-1838
TUNGSTEN ALLOYS
-- PROPERTIES
2-2127 3-1111 3-1558 3-1559
TUNGSTEN COMPOUNDS
-- TUNGSTEN BORIDE
2-2130
-- TUNGSTEN CARBIDE
1- 793 2-1079 2-1184 2-2130
-- TUNGSTEN CHLORIDES
1-1264
-- TUNGSTEN FLUORIDES
1-1264 2- 439
-- TUNGSTEN OXIDES
1-1264 2- 439 2-2130
-- TUNGSTEN OXYCHLORIDE
1-1264
-- TUNGSTEN OXYFLUORIDE
1-1264
TYROSINE
-- METABOLISM OF
1- 252
TYROSINE MONOIODO
-- METABOLISM OF
1-1507
-- SYNTHESIS OF LABELED
3-1341
TYROSINE DIIODO-
-- METABOLISM OF
1- 385 1-1507
-- SYNTHESIS OF LABELED
3-1341

ULTRASONIC WAVES
-- EFFECTS ON RADIOACTIVITY
2-2026
ULTRAVIOLET RADIATION
-- BIOLOGICAL EFFECTS
3- 10 3- 11 3-1511 3-1636
-- CHEMICAL EFFECTS
3- 93
-- DETECTION AND MEASUREMENT
3-2309
-- EMISSION OF
3- 355
UNCERTAINTY PRINCIPLE
2-2086
UNIVERSE EVOLUTION
SEE ASTROPHYSICS
URACIL
-- ANALYSIS
2-2086
URACIL THIO-
SEE THIOURACIL
URANIUM
-- ANALYSIS
1- 212 1- 284 1- 285 1- 398 1- 490
1- 492 1- 589 1- 752 1- 860 1-1049
1-1070 1-1077 1-1226 1-1227 1-1430
1-1964 1-1966 1-1968 1-1969 2- 312
2- 313 2- 353 2- 356 2- 357 2- 358
2- 359 2- 360 2- 365 2- 493 2- 658
2- 682 2- 683 2- 891 2-1302 2-1490
2-1595 2-2245 3- 76 3- 77 3- 83
3- 84 3- 319 3- 323 3- 325 3- 679
3- 681 3- 882 3- 885 3-1101 3-1211
3-1333 3-1350 3-1353 3-1539 3-1695
3-1697 3-2156 3-2164 3-2167
-- CROSS SECTION GAMMA
2-1166
-- CROSS SECTION NEUTRON
2- 777 3-2236
-- FISSION OF
1- 10 1- 11 1- 12 1- 51 1- 54
1- 111 1- 114 1- 115 1- 117 1- 132
1- 133 1- 178 1- 194 1- 203 1- 228
1- 277 1- 287 1- 304 1- 359 1- 430
1- 599 1- 601 1- 619 1- 651 1- 670
1- 671 1- 692 1- 725 1- 729 1- 730
1- 731 1- 882 1- 888 1- 889 1- 890

URANIUM
-- FISSION OF
1- 891 1- 976 1-1230 1-1286 1-1293
1-1378 1-1379 1-1380 1-1381 1-1382
1-1383 1-1440 1-1525 1-1527 1-1632
1-1640 1-1756 1-1757 1-1759 1-1861
1-1963 1-1967 2- 20 2- 21 2- 168
2- 176 2- 317 2- 363 2- 391 2- 392
2- 393 2- 700 2- 848 2- 897 2-1000
2-1053 2-1054 2-1097 2-1129 2-1130
2-1145 2-1173 2-1174 2-1305 2-1310
2-1312 2-1313 2-1314 2-1315 2-1316
2-1318 2-1384 2-1502 2-1505 2-1520
2-1521 2-1528 2-1529 2-1530 2-1531
2-1532 2-1535 2-1537 2-1538 2-1539
2-1541 2-1602 2-1613 2-1659 2-1660
2-1665 2-1666 2-1670 2-1671 2-1674
2-1676 2-1679 2-1681 2-1682 2-1683
2-1706 2-1707 2-1708 2-1709 2-1710
2-1711 2-1713 2-1714 2-1715 2-1739
2-1879 2-1880 2-1881 2-1886 2-1989
2-2020 2-2067 2-2075 2-2092 3- 438
3- 501 3-1129 3-1134 3-1252 3-1253
3-1265 3-1275 3-1953 3-1954 3-1962
3-2245
-- HANDLING AND TRANSPORATION
2-1923
-- INCORPORATION IN FOREIGN CRYSTALS
2-1303
-- METABOLISM AND TOXICOLOGY
1- 13 1- 41 1- 45 1- 46 1- 611
1- 612 1- 748 1- 749 1- 750 1- 892
1- 906 1- 907 1- 908 1-1074 1-1093
1-1248 1-1386 1-1387 1-1388 1-1533
1-1768 2- 47 2- 49 2- 406 2- 409
2- 410 2- 898 2-1179 2-1180 2-1181
2-1856 2-2080 3- 213 3- 531 3-1178
3-2041 3-2044 3-2047
-- OXIDATION AND REDUCTION STATES
1- 209 1- 586 1- 591 1- 728 1-1364
1-1386 2- 352 2- 359 2- 367 2-1181
2-1182 2-1746 2-1748 3-2163
-- PRODUCTION
1-1623 1-1628 1-1629 2- 361 2- 364
2-1339 2-1493 2-1865
-- PROPERTIES CHEMICAL
1- 208 1- 620 2- 352 2-1042 2-1043
2-1161 2-1163 2-1304 2-1746 2-1748
3- 680 3- 959 3-1102 3-1671 3-2157
3-2159 3-2160 3-2163
-- PROPERTIES METALLURGICAL
3- 680 3-1543 3-1907
-- PROPERTIES NUCLEAR
2-2241 3- 680 3-2315
-- PROPERTIES PHYSICAL
1- 399 2-1742 3- 107 3- 680 3-2158
-- PURIFICATION
2-1493
-- RADIATION ABSORPTION BY
1- 729 2-1166
-- RECOVERY FROM WASTES
3- 319
-- SEPARATION METHODS
3- 87 3-1539 3-2164
-- SPECTRA
1-1221 2-1743 2-2065 2-2246 3-1103
3-1896 3-1897
-- STRUCTURE ATOMIC
2-1033 2-1479 2-1743
-- STRUCTURE CRYSTAL
1- 211 3-1351 3-2158
URANIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 922 2-2073 3- 684
-- SPECTRA
1-1361 1-1743 2- 891
-- TRACER APPLICATIONS
1- 750
URANIUM U 229
-- FORMATION OF
2-1614
-- PROPERTIES NUCLEAR
2-1144 2-1614
URANIUM U-230
-- FORMATION OF
2-1614
-- PROPERTIES NUCLEAR
1-1189 2-1614
URANIUM U 231
-- FORMATION OF
2-1614
-- PROPERTIES NUCLEAR
2-1614
URANIUM U 232
-- FORMATION OF
1- 301 2-1041 2-1488 2-1614
-- PROPERTIES NUCLEAR
2-1488 2-1614
URANIUM U 233
-- CROSS SECTION ALPHA
1-1229
-- FISSION OF
2-1866 3-1585 3-2244
-- FORMATION OF
1- 731

URANIUM U 233
-- PROPERTIES NUCLEAR
1-1229 1-1316 2-1036 2-1038 2-2059
-- RADIOAUTOGRAPHIC USES
1-1387
-- TRACER APPLICATIONS
1-1386 1-1387 1-1388
URANIUM U 234
-- ANALYSIS RADIOMETRIC
2-2243
-- PROPERTIES NUCLEAR
2- 679 3-2331
URANIUM U 235
-- ANALYSIS RADIOMETRIC
1-1643
-- CROSS SECTION NEUTRON
3-1399
-- FISSION OF
1- 168 1- 493 1- 791 1-1293 1-1632
2- 171 2- 392 2- 936 2-1866 2-2148
3- 142 3- 403 3- 759 3-1399 3-1585
3-2244 3-2246
-- FORMATION OF
1- 731
-- PROPERTIES NUCLEAR
1-1514 2-1489 2-2061 3-1165 3-2331
-- SPECTRA
3- 322
URANIUM U 237
-- FORMATION OF
1-1732 2-1489 2-2241 3-1131
-- ISOTOPIC SEPARATION
1-1372 2- 354
-- PROPERTIES NUCLEAR
1-1372 2-2242
URANIUM U 238
-- CROSS SECTION NEUTRON
3- 759
-- FISSION OF
1-1664 2-1037 2-1608 2-1739 3- 142
3-1585 3-2244
-- PROPERTIES NUCLEAR
1- 206 1- 879 1-1066 2-1470 2-1489
3-1131 3-1165 3-1912 3-2331
-- SPECTRA
3- 691
URANIUM U 239
-- ISOTOPIC SEPARATION
2- 354
URANIUM X 1
SEE THORIUM TH-234
URANIUM X 2
SEE PROTOACTINIUM PA 234
URANIUM Y
SEE THORIUM TH-231
URANIUM ALLOYS
-- PRODUCTION
2- 512
-- PROPERTIES
2- 512 3-1557 3-1558 3-2128 3-2177
-- STRUCTURE CRYSTAL
1-1965 2-1378 3- 106 3-1557 3-2177
URANIUM COMPOUNDS
-- ORGANIC DERIVATIVES
2- 49 2- 354 2- 362 2- 681 3- 324
-- URANATE BARIUM
2-1040 2-2063 3-1100
-- URANATE CALCIUM
1- 721 3-1100 3-1102
-- URANATE MAGNESIUM
3-1100
-- URANATE POTASSIUM FLUO-
1- 762 1- 763
-- URANATE SODIUM
1- 881
-- URANATE SODIUM FLUO-
1- 585 1- 762 1- 763
-- URANATE STRONTIUM
1- 721 3-1100
-- URANATES
2- 367
-- URANIUM ACETYLACETONATE
1-1371 3-1210
-- URANIUM BORIDES
3- 680 3-2161
-- URANIUM BROMIDES
1- 210 1- 588 1-1364 1-1365 1-1366
-- URANIUM CARBIDES
1- 214 1-1369 3- 680
-- URANIUM CHLORIDES
1- 210 1- 588 1- 906 1-1366 1-1362
1-1744 2- 352 2-1035 3- 531 3-1103
3-1890
-- URANIUM DEUTERIDE
1-1363 2-1043
-- URANIUM FLUORIDES
1- 210 1- 213 1- 215 1- 216 1- 590
1- 680 1- 913 1-1070 1-1071 1-1072
1-1076 1-1223 1-1226 1-1248 1-1360
2- 355 2-1492 2-1744 3-1354 3-2185
-- URANIUM HALIDES MIXED
1- 210 1-1367
-- URANIUM HYDRIDES
1-1363 2-1043 2-1303 2-1749 3-1543
-- URANIUM IODIDES
1- 210
URANIUM COMPOUNDS
-- URANIUM NITRATE
3- 213
-- URANIUM NITRIDES
1-1224 3- 680
-- URANIUM OXIDES
1- 41 1- 611 1- 724 1- 726 1-1075
1-1223 1-1362 1-1370 1-1533 1-1638
1-1745 1-1959 2- 364 2- 367 2- 409
2- 683 2-1042 2-1162 2-1315 2-1478
2-1493 2-2064 2-2240 2-2244 3- 683
3-1101 3-1212 3-1353
-- URANIUM OXYSULFIDE
1- 723
-- URANIUM SILICIDES
1- 585 3- 680
-- URANIUM SULFIDES
1- 723 1-1098 1-1099
-- URANYL ACETATE
1- 755 2- 362 2- 366 2- 680 2- 890
2-1039
-- URANYL ACETATE SODIUM
2-1039
-- URANYL CHLORIDE
1- 748 1-1362 2- 356 2-1039 3-1103
-- URANYL CITRATES
1-1074
-- URANYL FERROCYANIDE
2-1747
-- URANYL FLUORIDE
1- 722 1- 749 1- 906 3- 531
-- URANYL HYDROXIDE
1- 881
-- URANYL NITRATE
1- 45 1- 328 1- 379 1- 611 1- 612
1-1223 1-1368 1-1514 1-1963 2- 44
2- 47 2- 49 2- 364 2- 366 2- 406
2- 680 2- 681 2- 898 2-1163 2-1478
2-1741 2-1865 2-2062 2-2080 3- 531
3-1102 3-1352 3-1544
-- URANYL NITRATES BASIC
1- 881
-- URANYL OXALATE
1-1368 1-1371
-- URANYL PERCHLORATE
2- 356
-- URANYL SULFATE
1-1225 1-1371 1-1970 2- 356 2-1039
-- URANYL SULFATE POTASSIUM
2-1039 2-1745
URANIUM IONS
-- PROPERTIES MAGNETIC
2-1033
URANIUM ORES
-- ANALYSIS CHEMICAL
1- 726 1- 752 1- 913 1-1962 2-1490
2-1491 3- 681 3- 682 3- 683 3- 685
3-1895
-- ANALYSIS RADIOMETRIC
1- 126 1- 284 1- 285 1- 490 1- 492
1- 725 1- 940 1-1430 1-1855 1-1962
2- 934 2-1382 3-1538 3-2184
-- COMMERCIAL USES
3- 354 3- 680
-- DETECTION OF
1- 489 1- 491 1- 492 1-1291 2- 518
2- 519 2-1084 3- 119 3- 706 3-1114
3-1679 3-1909 3-1910 3-2183
-- OCCURRENCE
1- 127 1- 129 1- 130 1- 677 1- 790
1- 973 1-1144 1-1287 1-1288 1-1290
1-1629 2- 516 2- 519 2- 520 2- 521
2- 522 2- 771 2- 772 2-1084 2-1961
3- 351 3- 968 3-1680 3-1768 3-1909
3-1910 3-1914 3-2183 3-2185
-- ORIGIN
1- 940
URANYL GLASS
-- LUMINESCENCE OF
3-1983
UREA
-- METABOLISM OF
2- 669 2-1023
-- STRUCTURE CRYSTAL
1- 937
-- SYNTHESIS OF LABELED
1-1395
UREASE
-- EFFECTS OF RADIATION ON
3- 957
URETHANE
-- ANESTHETIC USES
2-1325
-- EFFECTS ON EMBRYOS
3- 512
-- EFFECTS ON METABOLISM
2-1296
-- METABOLISM OF
2-1458 2-1862
-- SYNTHESIS OF LABELED
3- 952
-- THERAPEUTIC USES
1- 352 1-1038 3-1532
URIC ACID
-- METABOLISM OF
1- 382 2-1346

URIC ACID
-- SYNTHESIS BIOLOGICAL
3- 73
URIDYLIC ACID
-- ADSORPTION SEPARATION OF
3-1663
URINE
-- ANALYSIS FOR CITRIC ACID IN
2-1337
-- ANALYSIS FOR FISSION PRODUCTS IN
2-1863
-- ANALYSIS FOR IODINE IN
3-2127
-- ANALYSIS FOR PROTOACTINIUM IN
2-1335
-- ANALYSIS RADIOMETRIC
1- 639
-- EXCRETION OF BERYLLIUM IN
1- 606
-- EXCRETION OF NITROGEN IN
1- 708 1- 749 1-1093
-- EXCRETION OF PHOSPHORUS IN
2-2229
-- EXCRETION OF STRONTIUM IN
1- 607
-- EXCRETION OF SULFUR IN
1-1734 2-1727 2-2237
-- EXCRETION OF URANIUM IN
1- 46 1- 611 1- 750 1- 907
UROBILINOGEN
-- METABOLISM OF
1- 892
UROGENITAL DISEASES
-- RADIATION THERAPY
3- 556 3- 925 3-1062 3-1187
-- RADIOISOTOPES THERAPY
3-1062
UROROSEIN
-- METABOLISM OF
USNIC ACID
-- EFFECT ON METABOLISM
1- 869
UTERUS
SEE ALSO OVARIES
-- EFFECTS OF RADIATION ON
1- 736 1- 744 2-1322 2-2211
UTERUS DISEASES
-- RADIATION THERAPY OF
2-1011 2-1848 2-2034 2-2038 2-2039
3- 31 3- 32 3- 232 3- 240 3- 252
3- 261 3- 265 3- 549 3- 566 3- 568
3-1059 3-1069 3-1075 3-1077 3-1078
3-1170 3-1184 3-1331 3-1516 3-1529
3-1530 3-1846 3-1859
-- RADIOISOTOPES THERAPY
1-1709 2-1005 2-1279 2-2039 3- 49
3- 55 3- 232 3- 252 3- 549 3-1069
3-1075 3-1078 3-1331 3-1516 3-1517
3-1529 3-1530 3-1846 3-1847 3-1855
3-1859 3-2105
VACUUM FURNACES
-- CONSTRUCTION AND OPERATION
2-1223 3- 756
VACUUM SYSTEMS
-- GAUGES AND FITTINGS FOR
1- 592 1- 594 1-1078 1-1231 1-1232
1-1748 1-1972 2- 369 2- 370 2- 684
2- 686 2-1164 2-1494 2-1496 2-2066
2-2247 3- 134 3- 334 3- 690 3-1213
3-1356 3-1357 3-1359 3-1547 3-1548
3-1549 3-1550 3-1551 3-1553 3-1554
3-1555 3-1556 3-1699 3-1901 3-2171
3-2172 3-2173 3-2174
-- LEAK DETECTION
1- 110 1- 593 1- 782 1- 783 2- 368
2- 685 2-1496 3- 690 3-1358
-- PRODUCTION AND CHARACTERISTICS
1- 279 1- 592 1- 593 1-1079 1-1232
1-1373 2- 371 2- 685 2-1164 2-1495
2-1496 2-1867 2-2247 3- 333 3- 690
3- 691 3- 692 3- 804 3-1213 3-1900
3-2174
-- PUMPS FOR
1- 592 1-1177 1-1178 1-1746 1-1747
1-1973 2- 685 2-1044 2-1164 2-2247
3- 134 3- 326 3- 327 3- 335 3- 690
3- 804 3-1104 3-1337 3-1545 3-1546
3-1901
-- WEIGHING OPERATIONS IN
1- 99
VACUUM TUBES
SEE ALSO DARK TRACE ELECTRONMULTIPLIER PHOTOMULTIPLIER AND X-RAY TUBES
-- CONSTRUCTION AND OPERATION
1- 97 1- 948 1-1126 1-1834 2- 142
2- 186 2- 199 2- 255 2- 541 2- 752
2- 754 2- 805 2- 965 2- 974 2-1924
2-1932 2-1934 2-1946 2-1951
VALERIC ACID
-- SYNTHESIS BIOLOGICAL
3- 72
VANADIUM
-- ANALYSIS
1- 57 1-1394 1-1783 2- 60 2- 66
2- 905 2-1491 2-1595 3-1196 3-1539
VANADIUM
-- METABOLISM AND TOXICOLOGY
1- 48
-- PRODUCTION
1-1628 2- 361
-- PROPERTIES METALLURGICAL
2- 158
-- SEPARATION METHODS
3-1539
-- SPECTRA
1-1048
VANADIUM V-47
-- PROPERTIES NUCLEAR
3- 899
VANADIUM V-48
-- PROPERTIES NUCLEAR
2-2202
VANADIUM V-51
-- PROPERTIES NUCLEAR
3- 399
VANADIUM V-52
-- PROPERTIES NUCLEAR
3-1474
VANADIUM COMPOUNDS
-- VANADIUM BORIDE
3-2146
-- VANADIUM CARBIDE
3-1674
-- VANADIUM OXIDES
1- 48 1-1628
VAN DE GRAAFF ACCELERATORS
SEE ACCELERATORS PARTICLE - VAN DE GRAAFF
VAN DE GRAAFF GENERATORS
SEE ELECTROSTATIC GENERATORS
VAPOR PRESSURE CHARTS
2- 594
VARIATION BIOLOGY
SEE CHROMOSOMES- EFFECTS OF RADIATION ON
VARITRONS
SEE MESONS
VETERINARY SCIENCE
-- ASPECTS IN ATOMIC EXPLOSION
1-1269
VINYL ACETATE
SEE ACETATE VINYL
VINYL CHLORIDE
-- SPECTRA
3- 101
VINYLIDENE CHLORIDE
-- EFFECTS OF RADIATION ON
3-1147
VIRUSES
SEE ALSO BACTERIA AND BACTERIOPHAGES
-- EFFECTS OF RADIATION ON
1- 899 1- 900 1-1242 2- 706
-- METABOLISM AND TOXICOLOGY STUDIES
3- 625
-- REPRODUCTION MODES
2-1151
VITAMINS
-- ASCORBIC ACID
1- 589 1-1036 2- 26 2-1434
-- CAROTENE
3-1339
-- FOLIC ACID
2- 397 2- 614 2- 616 2- 983 2- 984
2-1656
-- NIACIN
1-1036 3- 915 3- 954
-- NICOTINIC ACID
1- 369 1- 372
-- PYRIDOXINE
2- 616
-- RIBOFLAVIN
1- 717 3- 915 3-1339
-- THIAMINE
2- 900
-- VITAMIN A
1- 712
-- VITAMIN B 12
3-1644
-- VITAMIN D
2-1461
-- VITAMIN K
2-1262
-- VITAMIN P
2- 26
VOLTAGE AMPLIFIERS
-- CONSTRUCTION AND OPERATION
1-1126 1-1602
VOLTAGE REGULATORS
-- CONSTRUCTION AND OPERATION
3- 750 3-1008
VOLTAGE STABILIZERS
-- CONSTRUCTION AND OPERATION
1-1603 1-1628
VOLTAGE SUPPLY
-- CONSTRUCTION AND OPERATION
1-1603
VOLTMETERS
-- CONSTRUCTION AND OPERATION
1- 946 1-1915
-- EFFECTS OF MAGNETIC FIELDS ON
2- 917

WASTE DISPOSAL RADIOACTIVE
SEE ALSO HEALTH PHYSICS AND RADIATION HAZARDS AND PROTECTION
1- 228 1- 361 1- 457 1- 945 1-1268
1-1418 2- 138 2- 392 2- 486 2- 488
2- 695 2-1075 2-1571 2-1922 2-2225
3- 540 3- 910 3-2089 3-2154
WATER
-- ANALYSIS
3-1333
-- CONTAMINATION RADIOACTIVE
1- 451 1-1599 3-1329
-- CROSS SECTION NEUTRON
3-1391
-- DETERMINATION IN ANIMAL BODIES
2-1158
-- EFFECTS OF RADIATION ON
1- 35 1- 197 1- 413 1- 843 1-1037
1-1468 2- 29 2- 278 2-1167 3- 815
3-1045
-- PROPERTIES CHEMICAL
3-2159 3-2180
-- PROPERTIES PHYSICAL
1-1816 3- 295 3-1094
-- PURIFICATION
3- 797
-- RADIATION ABSORPTION BY
1-1176 1-1403 2- 90 2-1069 2-1365
3- 710 3- 969 3- 971 3-1400
-- RADIATION SCATTERING BY
1- 145 3- 762 3-1709
-- RADIATION STOPPING BY
2-2072
-- SPECTRA
3-1093
-- STRUCTURE MOLECULAR
1-1815
WATTMETERS
-- EFFECTS OF MAGNETIC FIELDS ON
2- 917
WAVE ANALYZERS
-- CONSTRUCTION AND OPERATION
3-1284
WELL LOGGING
SEE PETROLEUM RADIATION LOGGING OF
WOLFRAM
SEE TUNGSTEN
WOUNDS
-- EFFECT OF RADIATION ON
3- 907
-- EFFECTS OF URANIUM COMPOUNDS ON HEALING OF
2-1179

X-RADIATION
SEE ALSO ANALYSIS-DIFFRACTION GAMMA RADIATION AND RADIATION
-- ABSORPTION
1- 217 1- 218 1- 766 1-1749 2- 6
2- 376 2- 852 2-1307 2-1851 3-1452
3-1459 3-2319
-- BIOLOGICAL EFFECTS
1- 17 1- 21 1- 22 1- 26 1- 27
1- 28 1- 29 1- 31 1- 36 1- 39
1- 40B 1- 40C 1- 40D 1- 40E 1- 40F
1- 40G 1- 40J 1- 40N 1- 229 1- 230
1- 231 1- 232 1- 236 1- 237 1- 238
1- 242 1- 245 1- 322 1- 324 1- 405
1- 406 1- 409 1- 415 1- 418 1- 602
1- 733 1- 736 1- 737 1- 739 1- 741
1- 742 1- 743 1- 892 1- 896 1- 897
1- 899 1- 902 1- 903 1- 904 1- 905
1-1087 1-1089 1-1090 1-1115 1-1237
1-1238 1-1241 1-1242 1-1243 1-1244
1-1245 1-1246 1-1314 1-1365 1-1473
1-1528 1-1529 1-1530 1-1531 1-1762
1-1764 2- 23 2- 24 2- 25 2- 26
2- 27 2- 28 2- 30 2- 32 2- 35
2- 36 2- 37 2- 39 2- 40 2- 310
2- 395 2- 396 2- 398 2- 400 2- 401
2- 404 2- 614 2- 703 2- 704 2- 705
2- 706 2- 707 2- 708 2- 984 2-1055
2-1056 2-1057 2-1058 2-1059 2-1061
2-1062 2-1126 2-1128 2-1175 2-1176
2-1177 2-1178 2-1263 2-1319 2-1320
2-1321 2-1322 2-1323 2-1324 2-1325
2-1434 2-1443 2-1444 2-1506 2-1507
2-1508 2-1509 2-1510 2-1511 2-1656
2-1698 2-1753 2-1754 2-1756 2-1888
2-1889 2-1891 2-2076 2-2077 2-2078
2-2079 2-2216 3- 3 3- 4 3- 5
3- 6 3- 7 3- 10 3- 11 3- 12
3- 13 3- 14 3- 196 3- 197 3- 201
3- 202 3- 204 3- 206 3- 207 3- 208
3- 221 3- 224 3- 502 3- 503 3- 505
3- 506 3- 509 3- 510 3- 511 3- 512
3- 513 3- 514 3- 515 3- 516 3- 519
3- 522 3- 544 3- 545 3- 547 3- 581
3- 903 3- 905 3- 906 3- 907 3- 911
3- 912 3- 915 3- 916 3- 956 3-1036
3-1037 3-1038 3-1039 3-1042 3-1043
3-1051 3-1054 3-1168 3-1170 3-1171
3-1172 3-1173 3-1318 3-1319 3-1326
3-1327 3-1509 3-1510 3-1511 3-1512
3-1513 3-1514 3-1518 3-1524 3-1635
3-1636 3-1639 3-1640 3-1641 3-1644

X-RADIATION
-- BIOLOGICAL EFFECTS
3-1645 3-1811 3-1812 3-1813 3-1814
3-1816 3-1818 3-1819 3-1820 3-1821
3-1823 3-1824 3-1825 3-1826 3-1827
3-1828 3-1829 3-1830 3-1831 3-1832
3-2078 3-2079 3-2080 3-2081 3-2082
3-2083 3-2084 3-2086
-- CHEMICAL EFFECTS
1- 546 1- 597 1- 842 1- 843 1-1036
1-1037 1-1488 1-1707 2-1835 3- 97
3- 290 3- 292 3- 516 3- 518 3- 663
3- 956 3-1095 3-1339 3-1540 3-1665
3-1877
-- DETECTION AND MEASUREMENT
1- 95 1- 146 1- 219 1- 727 1- 954
1-1023 1-1148 1-1301 1-1431 1-1482
1-1515 1-1535 1-1663 2- 209 2- 227
2- 548 2- 553 2- 801 2- 806 2- 958
2- 967 2-1110 2-1420 2-1422 3- 437
3- 116 3-1166 3-1363 3-1434 3-1593
3-2308 3-2311
-- DIFFRACTION
1- 147 1- 311 1- 425 1- 431 1- 464
1- 617 1- 636 1- 641 1- 936 1- 938
1-1109 1-1404 1-1415 1-1515 1-1572
1-1575 1-1712 1-1805 1-1806 1-1812
1-1955 2- 122 2- 461 2- 463 2- 468
2- 511 2-1368 2-1785 3- 963 3- 964
3- 965
-- DIFFUSION AND SCATTERING
1- 937 1-1749 1-1754 2- 386 2- 852
2-1170 3- 711 3- 712 3-1363 3-1452
3-1459
-- DOSAGE DETERMINATIONS
2- 310 2- 552 2- 862 2-1008 2-1145
2-1511 2-1697 2-1699 2-2037 3- 127
3- 444 3- 509 3- 563 3-1044 3-1079
3-1637
-- EFFECT ON CRYSTAL STRUCTURE
2-1367
-- EXPERIMENTAL TECHNIQUES FOR ANIMAL EXPOSURE TO
2-1178
-- FROM ALUMINUM ISOTOPES
1- 825
-- FROM AMERICIUM ISOTOPES
1-1066
-- FROM ANTIMONY ISOTOPES
2-1837 3-1311
-- FROM BISMUTH ISOTOPES
2-1132
-- FROM CESIUM ISOTOPES
1-1030
-- FROM COPPER ISOTOPES
3- 893
-- FROM ELECTRON MICROSCOPES
3-1515
-- FROM GERMANIUM ISOTOPES
2- 299 3- 189
-- FROM GOLD ISOTOPES
3-887
-- FROM HEAVY ELEMENTS
2-1133
-- FROM LEAD ISOTOPES
2- 967 2-1132
-- FROM NEODYMIUM ISOTOPES
2-1449 2-1674
-- FROM NEPTUNIUM ISOTOPES
2-1489 3- 873
-- FROM PARTICLE ACCELERATORS
1- 675 2-2154 3-1424 3-1976
-- FROM RHENIUM ISOTOPES
3-1605
-- FROM RHODIUM ISOTOPES
2-1685
-- FROM RUBIDIUM ISOTOPES
2-1077
-- FROM RUTHENIUM ISOTOPES
1- 544
-- FROM SELENIUM ISOTOPES
1- 326 1- 544
-- FROM SULFUR ISOTOPES
2- 870
-- FROM TECHNETIUM ISOTOPES
1- 299 1- 300 1-1703 3- 495
-- FROM TELLURIUM ISOTOPES
2- 991 3-1469
-- FROM THORIUM ISOTOPES
2-1036 3-1166
-- FROM TIN ISOTOPES
3-1477
-- FROM URANIUM ISOTOPES
2-2242
-- FROM XENON ISOTOPES
2-1667
-- INDUSTRIAL USES
3-1105
-- NUCLEAR REACTIONS
1- 997 1-1016 1-1480 2- 233 2-1269
2-1404 3- 190 3- 719 3-1424 3-1585
3-2244
-- PRODUCTION
1-1749 2- 887 2- 852 2-1145 2-1578
3-1186

X-RADIATION
-- RADIOGRAPHIC USES
1- 199 1- 699 1- 830 1-1326 1-1490
1-1749 2- 37 2- 851 2- 852
-- SHIELDING FOR
2- 379 2- 490 2- 689 2-1076
-- SOURCES AND STANDARDS
3- 755 3-1073
-- THERAPEUTIC USES
1- 344 1- 345 1- 352 1- 560 1-1038
1-1708 2- 24 2- 279 2- 307 2- 308
2- 310 2- 441 2- 643 2- 854 2- 858
2- 859 2- 861 2- 862 2-1004 2-1008
2-1010 2-1011 2-1013 2-1145 2-1147
2-1281 2-1443 2-1444 2-1697 2-1699
2-1700 2-1848 2-2034 2-2035 2-2037
2-2038 2-2039 2-2210 2-2212 2-2213
2-2215 2-2216 2-2217 2-2218 3- 29
3- 30 3- 31 3- 32 3- 33 3- 34
3- 35 3- 37 3- 38 3- 39 3- 40
3- 42 3- 44 3- 50 3- 51 3- 54
3- 57 3- 232 3- 233 3- 234 3- 235
3- 236 3- 237 3- 238 3- 239 3- 240
3- 241 3- 242 3- 243 3- 244 3- 245
3- 246 3- 248 3- 249 3- 250 3- 251
3- 252 3- 253 3- 254 3- 255 3- 256
3- 257 3- 259 3- 260 3- 261 3- 265
3- 545 3- 548 3- 549 3- 551 3- 552
3- 553 3- 555 3- 556 3- 558 3- 559
3- 560 3- 561 3- 562 3- 563 3- 564
3- 565 3- 568 3- 569 3- 570 3- 573
3- 574 3- 575 3- 576 3- 577 3- 578
3- 579 3- 580 3- 581 3- 582 3- 584
3- 585 3- 586 3- 587 3- 588 3- 590
3- 591 3- 915 3- 917 3- 918 3- 919
3- 921 3- 922 3- 923 3- 925 3- 927
3- 928 3- 929 3- 930 3- 932 3- 934
3- 936 3-1038 3-1057 3-1058 3-1059
3-1060 3-1061 3-1062 3-1063 3-1064
3-1065 3-1066 3-1067 3-1068 3-1069
3-1070 3-1071 3-1073 3-1074 3-1075
3-1076 3-1077 3-1078 3-1079 3-1170
3-1182 3-1183 3-1184 3-1185 3-1186
3-1188 3-1331 3-1516 3-1518 3-1522
3-1524 3-1526 3-1527 3-1528 3-1529
3-1530 3-1531 3-1532 3-1533 3-1640
3-1649 3-1843 3-1844 3-1845 3-1846
3-1848 3-1849 3-1851 3-1853 3-1854
3-1857 3-1858 3-1859 3-1861 3-1862
3-2103 3-2104 3-2106 3-2107 3-2112
3-2115
X-RAY CAMERAS
SEE CAMERAS
X-RAY FILTERS
-- CONSTRUCTION AND OPERATION
3-1637
X-RAY SCREENS
-- CONSTRUCTION AND OPERATION
2- 688
X-RAY TUBES
SEE ALSO DARK TRACE
ELECTRONMULTIPLIER PHOTOMULTIPLIER
AND VACUUM TUBES
-- CONSTRUCTION AND OPERATION
1-1090 1-1750 2- 123 2-1307 2-1421
2-1578 3- 379 3-1073
XENON
-- ANALYSIS
1- 115 2- 503
-- METABOLISM AND TOXICOLOGY
2-1181
-- PROPERTIES CHEMICAL
2- 78
-- PROPERTIES PHYSICAL
2-1261
-- RADIATION SCATTERING BY
3- 989
-- SPECTRA
2-1651
XENON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 922 3-1936 3-2013
-- PROPERTIES NUCLEAR
1- 114
-- SEPARATION METHODS
3-1938
XENON XE-131
-- FORMATION OF
2-1402 2-1599
-- PROPERTIES NUCLEAR
2- 286 2-1303 2-1667
XENON XE-133
-- PROPERTIES NUCLEAR
2-1271
XENON XE-135
-- FORMATION OF
2-1989
-- PROPERTIES NUCLEAR
2-1670 2-1672
XENON XE-137
-- PROPERTIES NUCLEAR
2- 533
XYLENE
-- NEUTRON RETARDATION BY
1- 291
-- REAGENT FOR RESINS
2- 421
XYLENE P-ALPHA-ALPHA-TRIFLUORO
-- PROPERTIES CHEMICAL
2-2110
YEASTS
SEE ALSO ALGAE FUNGI AND PLANTS
-- EFFECTS OF RADIATION ON
2-1753
-- METABOLISM AND TOXICOLOGY STUDIES
1- 717 2- 49 2-1180 2-1151 3- 20
3- 60 3-1342 3-1632 3-2076
YTTERBIUM
-- ATOMIC WEIGHT
2-1148
-- PROPERTIES NUCLEAR
2-2141
-- RADIATION ABSORPTION BY
1-1484
-- SPECTRA
1-1711
YTTERBIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2-1148
-- FORMATION OF
3-1964
-- PROPERTIES NUCLEAR
2-2141 3-1964
YTTERBIUM YB 169
-- PROPERTIES NUCLEAR
3-1032
YTTERBIUM COMPOUNDS
-- YTTERBIUM CHLORIDE
1-1711
YTTRIUM
-- ANALYSIS
1- 202 1- 851 1-1939 2-312 2-1709
3- 84
-- METABOLISM AND TOXICOLOGY
1- 15 1- 40P 1- 43 1-1534 2- 407
2-1181 2-1326 2-1757 3-1047
-- PROPERTIES NUCLEAR
3- 304
-- SEPARATION METHODS
3- 84 3- 304
YTTRIUM ISOTOPES
-- PROPERTIES NUCLEAR
1- 117 1-1359
-- TRACER APPLICATIONS
1- 43 2-1326
-- USES IN SYNTHESIS
1- 60
YTTRIUM Y 88
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
2- 1
YTTRIUM Y 90
-- BIOLOGICAL EFFECTS
1- 40 1- 235
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
1-1190 3- 489 3- 877 3-1032 3-1745
3-1754
-- THERAPEUTIC USES
3- 583
YTTRIUM Y 91
-- BIOLOGICAL EFFECTS
1- 15 1- 38 1- 416 1-1534
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
2-2043 3-1470 3-1743 3-1745 3-1746
3-1754
-- TRACER APPLICATIONS
2-1863 3-1047
YTTRIUM Y 93
-- PROPERTIES NUCLEAR
3-1248
YTTRIUM Y 94
-- PROPERTIES NUCLEAR
2-1129 2-1130
YTTRIUM Y 95
-- PROPERTIES NUCLEAR
3-1248
YTTRIUM COLLOIDS
-- PREPARATION
2-1859
YTTRIUM COMPOUNDS
-- YTTRIUM ACETYLACETONATE
1-1716
-- YTTRIUM FERROCYANIDE
1-1939

ZEUTO
-- CONSTRUCTION AND OPERATION
1- 946
ZINC
-- ANALYSIS
1- 913 1-1785 3- 78
-- CORROSION
3-1676
-- CROSS SECTION NEUTRON
2- 777 2-1974

ZINC
-- METABOLISM STUDIES WITH ISOTOPES
2- 342
-- PROPERTIES NUCLEAR
2- 299
-- PROPERTIES PHYSICAL
3-1034
-- STRUCTURE CRYSTAL
3-1034
ZINC ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 956 2- 151 2- 757 3-2220
-- FORMATION OF
1- 470 3-1394
-- PROPERTIES NUCLEAR
1- 468
-- TRACER APPLICATIONS
1- 387 2-1160 3-1034
ZINC ZN-62
-- PROPERTIES NUCLEAR
1-1008 1-1014
ZINC ZN-63
-- RADIOAUTOGRAPHIC USES
2- 304
ZINC ZN-64
-- CROSS SECTION NEUTRON
3-1136
-- PROPERTIES NUCLEAR
3-1397
ZINC ZN-65
-- ANALYSIS RADIOMETRIC
3-2302
-- PROPERTIES NUCLEAR
1-1150 2- 181 2-1245 3-1479 3-2325
-- TRACER APPLICATIONS
2- 342 2- 344
ZINC ZN-67
-- PROPERTIES NUCLEAR
3-2256
ZINC ZN-69
-- PROPERTIES NUCLEAR
1- 143
ZINC ZN-70
-- PROPERTIES NUCLEAR
3-1397
ZINC ALLOYS
-- ANALYSIS
1-1785
ZINC COMPOUNDS
-- ORGANIC DERIVATIVES
2- 76 2-1160
-- TOLUIDINE BLUE
1- 324 1- 536 1-1314 2- 710 2-1328
3- 22
-- ZINC BERYLLIUM SILICATE
3- 160
-- ZINC BORATE
3-1150
-- ZINC OXIDE
1-1545 1-1859 2-1420 2-1422 2-1974
-- ZINC SILICATES
2- 547 2-1422
-- ZINC SULFIDE
1- 89 1- 993 1-1653 2- 547 2- 811
2- 958 2-1250 2-1420 2-1422 3- 456
3- 847 3- 848 3-1150
ZINC ORES
-- DETECTION OF
1- 491
ZIRCONIUM
-- ANALYSIS
1- 283 1- 853 1-1204 1-1208 1-1393
1-1719 1-1788 1-1968 2- 420 2- 423
2-1595 2-2085 3- 636
-- BIBLIOGRAPHY
1-1626 3-2178
-- CORROSION
3-1366 3-1676
-- CROSS SECTION NEUTRON
3- 764
-- METABOLISM AND TOXICOLOGY
1- 43 1-1542 2-1181 2-1326 2-1757
-- OXIDATION AND REDUCTION STATES
1-1102 2-1345
-- PRODUCTION
1- 123 1- 788 1-1428 1-1623 1-1626
2-1345 3- 967 3-1216 3-1905
-- PROPERTIES CHEMICAL
1- 926 2-1343 2-1345 3-1535 3-1870
-- PROPERTIES METALLURGICAL
1-1427 1-1428 1-1622 1-1626 2- 158
3- 341 3- 967
-- PROPERTIES NUCLEAR
3- 879
-- RADIATION ABSORPTION BY
3- 986
ZIRCONIUM
-- SEPARATION METHODS
1- 331 1-1781 2- 718 2-1345 2-1893
2-2089 3-2132
-- SPECTRA
1-1048
ZIRCONIUM ISOTOPES
-- BIOLOGICAL EFFECTS
1- 38
-- CROSS SECTION NEUTRON
2-1385
-- PROPERTIES NUCLEAR
2-1129 3- 759
-- TRACER APPLICATIONS
1- 43 2-1326
-- USES IN SYNTHESES
1- 60
ZIRCONIUM ZR 89
-- FORMATION OF
2-1617
ZIRCONIUM ZR-90
-- PROPERTIES NUCLEAR
2-1617 3-1397
ZIRCONIUM ZR 91
-- PROPERTIES NUCLEAR
3-1397 3-1960
ZIRCONIUM ZR 95
-- PROPERTIES NUCLEAR
1- 331
-- TRACER APPLICATIONS
2-1343 2-1893
ZIRCONIUM ZR 97
-- FORMATION OF
3-1265
-- RANGES IN MATERIALS
3-1265
ZIRCONIUM ALLOYS
-- PRODUCTION
2- 164
-- PROPERTIES
1-1622 1-1626 1-1627 3-2178
-- STRUCTURE CRYSTAL
2-1378
ZIRCONIUM COLLOIDS
-- PREPARATION
2-1659
ZIRCONIUM COMPOUNDS
-- ZIRCONIUM BROMIDE
1-1626
-- ZIRCONIUM CARBIDE
1- 926 2-2130 3-2146
-- ZIRCONIUM CHLORIDE
1-1626 1-1788 2-1345 3-1216 3-1867
3-1905
-- ZIRCONIUM CITRATE
1-1534 1-1542 2- 407 3- 523
-- ZIRCONIUM DIOXIDE
1- 647 1- 910 1- 926 1-1393 1-1544
1-1546 1-1773 1-1780 1-1906 2- 53
2- 54 2-1185 2-2130 3-1891 3-1902
-- ZIRCONIUM GLUCONATE
1-1542
-- ZIRCONIUM HYDRIDE
1- 632 1-1626 3-1332
-- ZIRCONIUM IODIDE
1-1626
-- ZIRCONIUM MANDELATE
1-1788
-- ZIRCONIUM NITRIDE
1-1626
-- ZIRCONIUM OXALATES
3-1535
-- ZIRCONIUM PERCHLORATES
2-1343 2-1345
-- ZIRCONIUM PHENYLARSONATE
2-2060
-- ZIRCONIUM PHOSPHATES
1-1526
-- ZIRCONIUM PHOSPHIDES
1-1626
-- ZIRCONIUM SILICATES
1- 131 1-1545 2- 54 3-1902
-- ZIRCONIUM SULFATE
1-1788
-- ZIRCONIUM SULFIDES
1-1626
-- ZIRCONIUM THENOYLTRIFLUORACETONE
1-1102
ZIRCONIUM ORES
-- ANALYSIS CHEMICAL
1- 283
-- DETECTION OF
1-1596 1-1855
-- OCCURRENCE
1- 131

CUMULATIVE NUCLIDE INDEX

For each reference the digit preceding the dash is the volume number and digits after the dash are the abstract number.

ACTINIUM
-- PROPERTIES NUCLEAR
2- 989
ACTINIUM AC-225
-- PROPERTIES NUCLEAR
1-1316
ACTINIUM AC-227
-- CROSS SECTION NEUTRON
2-1386
-- FISSION OF
2-1386
-- PROPERTIES NUCLEAR
1-1182
ACTINIUM AC-228
-- PROPERTIES NUCLEAR
2-2203
ALUMINUM
-- CROSS SECTION ALPHA
1- 288
-- CROSS SECTION GAMMA
2-1166
-- CROSS SECTION NEUTRON
1- 137 1-1631 2- 526 2- 527 2- 777
2-1393 3-1392 3-2236
-- PROPERTIES NUCLEAR
1- 329 2- 687 2- 846 2-1620 3-1221
3-1611 3-1716 3-2259 3-2274
-- RADIATION ABSORPTION BY
1- 885 1-1183 1-1191 1-1374 1-1482
1-1564 1-1565 2- 9 2- 90 2- 374
2- 375 2- 376 2- 383 2- 740 2-1165
2-1166 2-1363 2-1365 2-1500 2-1768
2-1911 2-2096 3- 710 3-1453 3-1600
3-1601
-- RADIATION SCATTERING BY
1- 401 1-1523 2- 386 3- 714
-- RADIATION STOPPING BY
2-1685 3- 121
ALUMINUM ISOTOPES
-- PROPERTIES NUCLEAR
1-1700
ALUMINUM AL-27
-- PROPERTIES NUCLEAR
1- 295 1- 814 2- 8 2- 14 2- 232
2- 255 2- 778 2-1094 2-1404 2-1972
3-1403 3-1585
ALUMINUM AL-28
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- PROPERTIES NUCLEAR
1- 143 1-1034 1-1154 1-1894 2-1620
3-1583
ALUMINUM AL-29
-- FORMATION OF
3-2024
-- PROPERTIES NUCLEAR
3- 995 3-2024
ALUMINUM AL-30
-- PROPERTIES NUCLEAR
3-1402
AMERICIUM
-- FISSION OF
2- 351
AMERICIUM ISOTOPES
-- FORMATION OF
2-1477
AMERICIUM AM 238
-- PROPERTIES NUCLEAR
1- 206 1-1066 1-1960
AMERICIUM AM 239
-- FORMATION OF
1-1066
-- PROPERTIES NUCLEAR
1- 206 1-1066 1-1960
AMERICIUM AM 240
-- PROPERTIES NUCLEAR
1-1960
AMERICIUM AM 241
-- FORMATION OF
1- 206
-- PROPERTIES NUCLEAR
1- 206 1- 878 1-1065 1-1066 1-1960
2-1475
AMERICIUM AM 242
-- FORMATION OF
2-1475
-- PROPERTIES NUCLEAR
1- 206 1-1066 1-1960 2-1475
AMERICIUM AM 243
-- PROPERTIES NUCLEAR
1-1960
ANTIMONY
-- CROSS SECTION NEUTRON
3- 764
-- PROPERTIES NUCLEAR
1-1007
-- RADIATION ABSORPTION BY
3- 986
ANTIMONY ISOTOPES
-- PROPERTIES NUCLEAR
2-1683 2-1837
ANTIMONY SB-116
-- FORMATION OF
3-1418
-- PROPERTIES NUCLEAR
3-1418
ANTIMONY SB-117
-- FORMATION OF
3-1418
-- PROPERTIES NUCLEAR
3-1418
ANTIMONY SB-118
-- FORMATION OF
3-1418
-- PROPERTIES NUCLEAR
3-1418
ANTIMONY SB-120
-- FORMATION OF
1- 498
ANTIMONY SB-121
-- CROSS SECTION NEUTRON
1- 136 2-1404 3-1136
-- PROPERTIES NUCLEAR
2-1404 3-1410 3-2256
ANTIMONY SB-122
-- CROSS SECTION NEUTRON
2-1800
-- FORMATION OF
3-1661
ANTIMONY SB-123
-- PROPERTIES NUCLEAR
3-1410 3-2256
ANTIMONY SB-124
-- FORMATION OF
3-1661
-- PROPERTIES NUCLEAR
1- 331 1-1187 1-1706 2- 597 2-1827
3- 892 3-1032
ANTIMONY SB-125
-- PROPERTIES NUCLEAR
1-1703 2- 991 3-1311 3-1317
ANTIMONY SB-127
-- PROPERTIES NUCLEAR
2- 848
ANTIMONY SB-135
-- PROPERTIES NUCLEAR
2-1843
ARGON
-- CROSS SECTION NEUTRON
1- 144 3-1391
-- RADIATION SCATTERING BY
1- 401 1-1754
ARGON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1593 2- 483
-- PROPERTIES NUCLEAR
1-1700
ARGON A-36
-- PROPERTIES NUCLEAR
3-2277
ARGON A-37
-- PROPERTIES NUCLEAR
1-1023 2-1811 2-1826 3- 676
ARGON A-40
-- FORMATION OF
2-1790
-- PROPERTIES NUCLEAR
1- 841 1-1184 1-1410 2- 293 2- 571
2-1134 3- 792 3- 793 3-2277
ARGON A-41
-- PROPERTIES NUCLEAR
2-1435 2-2199
ARSENIC
-- PROPERTIES NUCLEAR
3-1940
ARSENIC ISOTOPES
-- FORMATION OF
1- 470
ARSENIC AS-71
-- PROPERTIES NUCLEAR
2- 298

ARSENIC AS-72
-- PROPERTIES NUCLEAR
2- 298
ARSENIC AS-73
-- PROPERTIES NUCLEAR
2- 298
ARSENIC AS-74
-- FORMATION OF
2-1617
-- PROPERTIES NUCLEAR
2- 298
ARSENIC AS-75
-- FORMATION OF
1-1431
-- PROPERTIES NUCLEAR
1- 170 2- 233 2-1617 3-2133
ARSENIC AS-76
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- FORMATION OF
1- 40
-- PROPERTIES NUCLEAR
2- 290 3-2336
ASTATINE
-- ABUNDANCE AND DISTRIBUTION
3- 678
ASTATINE ISOTOPES
-- FORMATION OF
1- 470
-- PROPERTIES NUCLEAR
2-1383 3-2249
ASTATINE AT-210
-- FORMATION OF
2- 947
-- PROPERTIES NUCLEAR
2-1991
ASTATINE AT-211
-- FORMATION OF
2-1991
ASTATINE AT-216
-- PROPERTIES NUCLEAR
1- 192
ASTATINE AT-217
-- PROPERTIES NUCLEAR
1-1316
ASTATINE AT-218
-- FORMATION OF
3- 184

BARIUM
-- PROPERTIES NUCLEAR
2-1402
BARIUM ISOTOPES
-- PROPERTIES NUCLEAR
1- 114
BARIUM BA-130
-- CROSS SECTION NEUTRON
1- 136 2-1599 2-1800
-- PROPERTIES NUCLEAR
2-1599
BARIUM BA 131
-- PROPERTIES NUCLEAR
2-1540 2-1599
BARIUM BA 133
-- PROPERTIES NUCLEAR
1- 538
BARIUM BA 134
-- PROPERTIES NUCLEAR
2- 1 2- 233
BARIUM BA 137
-- PROPERTIES NUCLEAR
1- 669 1-1030 2- 556
BARIUM BA 139
-- CROSS SECTION NEUTRON
2-1956 3-1578
-- FORMATION OF
2-1660
-- PROPERTIES NUCLEAR
1-1928
BARIUM BA-140
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
2-1661 2-1662 2-1664 2-1880 3 2026
BERYLLIUM
-- CROSS SECTION ALPHA
1- 288
-- CROSS SECTION GAMMA
2-1166
-- CROSS SECTION NEUTRON
1- 290 2- 527 2- 777 2-2144 3-1259
3-1392 3-2236
-- PROPERTIES NUCLEAR
1- 329 1- 980 1-1435 2- 687 2- 939
2- 993 2-1618 2-2139 3- 765 3-1138
3-1295 3-2274 3-2316
-- RADIATION ABSORPTION BY
1- 728 1-1234 2- 382 2-1165 2-1166
-- RADIATION SCATTERING BY
3-1951
BERYLLIUM BE 7
-- FORMATION OF
2-1094 2-1392 2-1803 3- 399 3- 790
3-1198 3-1741 3-1967
-- PROPERTIES NUCLEAR
1- 693 1- 987 1-1015 1-1028 1-1325
BERYLLIUM BE 7
-- PROPERTIES NUCLEAR
1-1487 1-1929 2- 844 2-1264 2-2196
3- 187 3-1161 3-1163 3-1685 3-1741
3-1756 3-2258
BERYLLIUM BE 8
-- FORMATION OF
3- 155 3-2327
-- PROPERTIES NUCLEAR
1-1486 1-1702 2-1392 2-2201 3-1262
3-2258
BERYLLIUM BE 9
-- CROSS SECTION ELECTRON
1-1485
-- CROSS SECTION PROTON
1- 223
-- PROPERTIES NUCLEAR
1- 223 1- 815 1-1445 1-1485 1-1486
2- 291 2- 296 2- 633 2-1231 2-1404
2-1972 3- 155 3- 780 3-1276 3-1277
3-1403 3-1417 3-1419 3-1473 3-1580
3-1720 3-2258 3-2327 3-2328
-- RADIATION ABSORPTION BY
3-1720
BERYLLIUM BE 10
-- PROPERTIES NUCLEAR
1-1687 2- 942 2-1266 2-1267 3-1747
BISMUTH
-- CROSS SECTION NEUTRON
1- 140 1- 979 2- 523 2-2142 3-1392
-- FISSION OF
2-1613 2-1975 3-1726
-- PROPERTIES NUCLEAR
2- 947 2-1991
-- RADIATION ABSORPTION BY
2- 373
-- RADIATION SCATTERING BY
1 140 3-1951
-- RADIATION STOPPING BY
2-1885
BISMUTH ISOTOPES
-- PROPERTIES NUCLEAR
2-1383 3-2249
BISMUTH BI-209
-- CROSS SECTION DEUTERON
2- 384
-- FISSION OF
3- 142
-- PROPERTIES NUCLEAR
2-1404
BISMUTH BI-210
-- CROSS SECTION DEUTERON
2- 384
-- FORMATION OF
2-1991
-- PROPERTIES NUCLEAR
1-1189 1-1699 2- 619 2- 636 2-1142
2-1875 3- 182 3- 822 3-1431 3-1746
3-1754 3-1969
BISMUTH BI-212
-- PROPERTIES NUCLEAR
1-1926 2-1132 2-1440
BISMUTH BI-213
-- PROPERTIES NUCLEAR
1-1316
BISMUTH BI-214
-- PROPERTIES NUCLEAR
1- 886 1-1320 1-1925 2- 3 2- 623
3-1029 3-1472 3-1595 3-1610
BORON
-- CROSS SECTION NEUTRON
3-1392
-- PROPERTIES NUCLEAR
1- 329 2- 8 2-1384 3-2274
-- RADIATION ABSORPTION BY
2-1165 3- 986
BORON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1595 3-2225
-- PROPERTIES NUCLEAR
2-2045
BORON B-9
-- PROPERTIES NUCLEAR
3-2258
BORON B-10
-- CROSS SECTION ALPHA
1-1893 3-1971
-- FORMATION OF
3-2327
-- PROPERTIES NUCLEAR
1- 4 1- 510 1- 813 1- 999 1-1863
1-1890 2- 566 2- 942 2- 943 2-1135
2-1141 3- 287 3- 790 3- 792 3- 898
3-1416 3-1968
BORON B-11
-- CROSS SECTION ALPHA
1-1893
-- FORMATION OF
2- 174
-- PROPERTIES NUCLEAR
1- 295 1- 510 1-1013 1-1863 1-1890
1-1915 2- 565 2- 573 2- 812 2- 943
3-1403 3-1406 3-1601 3-1968
BORON B-12
-- PROPERTIES NUCLEAR
1-1915 2- 622

BROMINE
-- PROPERTIES NUCLEAR
1-1801 1-1892 3-1713
BROMINE ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 757 3-2220
-- ANALYSIS RADIOMETRIC
3-1087 3-1446
-- FORMATION OF
1- 470
-- PROPERTIES NUCLEAR
2-1138
BROMINE BR-75
-- PROPERTIES NUCLEAR
1-1705
BROMINE BR-77
-- PROPERTIES NUCLEAR
1-1705
BROMINE BR-79
-- PROPERTIES NUCLEAR
1-1858 2- 432 2-1404 3-1403
BROMINE BR-80
-- CROSS SECTION NEUTRON
1- 136
-- ISOTOPIC SEPARATION
3-1937
-- PROPERTIES NUCLEAR
1- 116 1-1705 1-1858 2-2022 2-2204
3- 179 3- 892
BROMINE BR-81
-- PROPERTIES NUCLEAR
2-1404 3-1403
BROMINE BR-82
-- FORMATION OF
2-1677
-- PROPERTIES NUCLEAR
1-1187 3-2334
BROMINE BR-85
-- PROPERTIES NUCLEAR
2-1000
BROMINE BR-87
-- PROPERTIES NUCLEAR
2-1000
BROMINE BR-88
-- PROPERTIES NUCLEAR
2-1000

CADMIUM
-- CROSS SECTION ELECTRON
1- 595
-- CROSS SECTION NEUTRON
3-1392
-- PROPERTIES NUCLEAR
3- 190 3-1659 3-2017
-- RADIATION ABSORPTION BY
3- 160
CADMIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
-- PROPERTIES NUCLEAR
2- 285 3-2253
CADMIUM CD-109
-- FORMATION OF
3-1660
CADMIUM CD-110
-- FORMATION OF
3- 174
CADMIUM CD-113
-- PROPERTIES NUCLEAR
3- 891 3-1397
CADMIUM CD-114
-- PROPERTIES NUCLEAR
3- 190
CADMIUM CD-115
-- PROPERTIES NUCLEAR
2-1139 2-1682
CADMIUM CD-117
-- PROPERTIES NUCLEAR
1- 143
CALCIUM
-- CROSS SECTION NEUTRON
2-1974 2-2144
CALCIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 841
CALCIUM CA-40
-- PROPERTIES NUCLEAR
1- 796 2-1404 3- 793
CALCIUM CA-41
-- PROPERTIES NUCLEAR
3- 793 3-1583
CALCIUM CA-45
-- ANALYSIS RADIOMETRIC
3-2302
-- PROPERTIES NUCLEAR
3- 90 3-1467
CARBON
-- ANALYSIS RADIOMETRIC
1-1841 1-1931 2-1338 2-1759
-- CROSS SECTION GAMMA
3-1457
-- CROSS SECTION NEUTRON
1- 740 1- 989 1-1631 2- 526 2- 527
2- 777 2-1393 3-1392 3-2236
-- PROPERTIES NUCLEAR
2- 913 2-1799 3- 766 3-1394 3-1694
3-2316

CARBON
-- RADIATION ABSORPTION BY
1- 728 1-1176 1-1374 2- 108 2- 375
2- 743 2-1165 2-1365 2-1913
-- RADIATION SCATTERING BY
1- 401 2- 386 3-1457
-- RADIATION STOPPING BY
2-1171
CARBON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 471 2- 756 3-2222 3-2225
CARBON C-10
-- FORMATION OF
3-1966
-- PROPERTIES NUCLEAR
1-1887 2- 942 2-1141
CARBON C-11
-- FORMATION OF
1- 498 3-1966
-- PROPERTIES NUCLEAR
1-1307
CARBON C-12
-- CROSS SECTION GAMMA
1-1895
-- CROSS SECTION NEUTRON
4-1136
-- CROSS SECTION PROTON
2- 572
-- PROPERTIES NUCLEAR
1- 295 1-1035 1-1307 1-1308 1-1323
1-1432 1-1433 1-1895 2- 8 2- 572
2-1265 2-1404 2-1618 2-1972 2-2071
3- 397 3- 399 3-1276 3-1685 3-2327
3-2328 3-2337
CARBON C-13
-- FORMATION OF
1- 63 1-1841 3- 792
-- PROPERTIES NUCLEAR
1- 295 1- 998 1-1323 1-1453 2-1399
2-1972 3-1276 3-2327 3-2328
CARBON C-14
-- ANALYSIS RADIOMETRIC
3- 435 3- 443 3- 633 3- 952 3-1435
3-1444 3-2301 3-2302
-- FORMATION OF
1- 62 1- 302 1- 469 2- 74 2- 174
2-1401 3-1260
-- PROPERTIES NUCLEAR
1- 40 1- 159 1- 224 1- 540 1- 795
1- 998 1-1193 1-1233 1-1321 1-1322
1-1453 1-1698 1-1878 1-1931 2- 618
2- 783 2-1106 2-1372 3- 490 3- 885
3- 910 3-1164 3-1314
CERIUM
-- PROPERTIES NUCLEAR
1- 704
CERIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 704 3-2220
-- PROPERTIES NUCLEAR
1-1715
CERIUM CE 135
-- PROPERTIES NUCLEAR
1- 703 1-1042
CERIUM CE 137
-- PROPERTIES NUCLEAR
1- 703 1-1042 1-1203
CERIUM CE 139
-- PROPERTIES NUCLEAR
1- 703 1-1042
CERIUM CE-140
-- CROSS SECTION NEUTRON
1- 975 2-2137
CERIUM CE 141
-- FORMATION OF
1-1203
-- PROPERTIES NUCLEAR
2- 284 3- 487 3-1438 3-2332
CERIUM CE 142
-- CROSS SECTION NEUTRON
1- 975 2-2137
CERIUM CE 143
-- FORMATION OF
1-1203 2-1566 2-1678
CESIUM
-- PROPERTIES NUCLEAR
1-1504
CESIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2245
-- PROPERTIES NUCLEAR
1- 114 2-1659
CESIUM CS 127
-- PROPERTIES NUCLEAR
3-1310
CESIUM CS 129
-- PROPERTIES NUCLEAR
3-1310
CESIUM CS-130
-- PROPERTIES NUCLEAR
3-1310
CESIUM CS 131
-- FORMATION OF
1- 469 2-1402 2-1540
-- PROPERTIES NUCLEAR
2-1402 2-1599

CESIUM CS 133
-- PROPERTIES NUCLEAR
1- 538 1-1042 1-1715 2-1231 3-1403
3-1720
-- RADIATION ABSORPTION BY
3-1720
CESIUM CS 134
-- PROPERTIES NUCLEAR
1-1442 2- 1 2- 7 3-1467 3-2018
3-2019
CESIUM CS 135
-- CROSS SECTION NEUTRON
3- 176
-- PROPERTIES NUCLEAR
2-1658 3- 176 3-1721 3-2245
CESIUM CS 137
-- PROPERTIES NUCLEAR
1- 689 1- 691 1-1030 2- 255 2- 996
2-2200 3- 761 3-1409 3-1470 3-1721
3-1745 3-1754
CHLORINE
-- CROSS SECTION NEUTRON
2- 777 3-2236
-- PROPERTIES NUCLEAR
3-1940
-- RADIATION STOPPING BY
2-1171
CHLORINE CL-34
-- FORMATION OF
2-1968
CHLORINE CL-35
-- PROPERTIES NUCLEAR
3-1720
-- RADIATION ABSORPTION BY
3-1720
CHLORINE CL-36
-- PROPERTIES NUCLEAR
2-1272 3-1582 3-1742 3-1744 3-1745
3-1747
CHLORINE CL-37
-- PROPERTIES NUCLEAR
1- 295 3- 876
CHLORINE CL-38
-- PROPERTIES NUCLEAR
1-1187 3-1402 3-1961 3-2322
CHLORINE CL-39
-- FORMATION OF
3-2330
-- PROPERTIES NUCLEAR
3-2330
CHROMIUM
-- CROSS SECTION NEUTRON
2- 526
-- PROPERTIES NUCLEAR
2-1814
CHROMIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 757 3-2220
-- CROSS SECTION NEUTRON
2-1385
CHROMIUM CR-50
-- CROSS SECTION NEUTRON
3-1136
CHROMIUM CR-51
-- FORMATION OF
3- 399
-- PROPERTIES NUCLEAR
1-1325 3-1317
COBALT
-- RADIATION ABSORPTION BY
3- 986
-- RADIATION SCATTERING BY
3- 778
COBALT ISOTOPES
-- FORMATION OF
1- 470
COBALT CO 55
-- PROPERTIES NUCLEAR
3- 177
COBALT CO 56
-- FORMATION OF
3-1662
COBALT CO 57
-- FORMATION OF
3-1662
COBALT CO 58
-- FORMATION OF
3-1662
COBALT CO 59
-- CROSS SECTION DEUTERON
1-1896
-- PROPERTIES NUCLEAR
2-1972 3-2256
COBALT CO 60
-- PROPERTIES NUCLEAR
1-1150 1-1187 1-1442 2- 1 2- 7
2- 181 2- 624 2-1167 2-1245 2-2032
3- 892 3-1431 3-1471 3-1479 3-2018
3-2019 3-2325 3-2326
COBALT CO 61
-- PROPERTIES NUCLEAR
2-1441
COBALT CO 62
-- PROPERTIES NUCLEAR
2-1441
COBALT CO 64
-- PROPERTIES NUCLEAR
2-1441
COLUMBIUM
-- RADIATION ABSORPTION BY
3- 986
COLUMBIUM ISOTOPES
-- PROPERTIES NUCLEAR
2-1129
COLUMBIUM CB 93
-- CROSS SECTION NEUTRON
2-2143
-- PROPERTIES NUCLEAR
2- 233 3-1581
COLUMBIUM CB 94
-- PROPERTIES NUCLEAR
3-2018 3-2019
COLUMBIUM CB 95
-- PROPERTIES NUCLEAR
1-1706 2- 999
COLUMBIUM CB 96
-- PROPERTIES NUCLEAR
3- 879
COPPER
-- CROSS SECTION GAMMA
2-1166 3-1457
-- CROSS SECTION NEUTRON
2- 527 2- 777 2-1385 3-2236
-- PROPERTIES NUCLEAR
1-1008 1-1014 2- 687 3- 766 3-1255
3-1394 3-1611 3-2259
-- RADIATION ABSORPTION BY
1- 728 1-1374 2- 373 2- 375 2- 376
2-1165 2-1166 3- 710 3-1453
-- RADIATION SCATTERING BY
3- 713 3-1457
-- RADIATION STOPPING BY
2-1885
COPPER ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2222
COPPER CU 61
-- PROPERTIES NUCLEAR
1- 696 3- 893
COPPER CU 62
-- FORMATION OF
1- 498 2-1598
COPPER CU 63
-- CROSS SECTION DEUTERON
1-1896 3-1136
-- CROSS SECTION GAMMA
1-1483 1-1895
-- CROSS SECTION NEUTRON
2-1598
-- ISOTOPIC SEPARATION
1- 960
-- PROPERTIES NUCLEAR
1-1663 2-1404 3-1403 3-1958
COPPER CU 64
-- CROSS SECTION NEUTRON
1- 136
-- PROPERTIES NUCLEAR
1- 143 1-1033 1-1325 1-1699 1-1863
2- 216 2- 282 2- 617 2- 967 2-1142
2-1437 2-2021 2-2207 3- 893 3-1463
3-1747
COPPER CU 65
-- PROPERTIES NUCLEAR
2-1404 3-1403 3-1958 3-2256
COPPER CU 66
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- PROPERTIES NUCLEAR
1- 143
CURIUM
-- PROPERTIES NUCLEAR
2- 351
CURIUM ISOTOPES
-- FORMATION OF
1- 470
CURIUM CM 238
-- PROPERTIES NUCLEAR
1-1960
CURIUM CM 239
-- PROPERTIES NUCLEAR
1-1960
CURIUM CM-240
-- FORMATION OF
1-1065
-- PROPERTIES NUCLEAR
1-1065 1-1068 1-1960
CURIUM CM 241
-- PROPERTIES NUCLEAR
1-1065 1-1068 1-1960
CURIUM CM 242
-- FORMATION OF
1- 478 1-1065
-- PROPERTIES NUCLEAR
1-1065 1-1068 1-1960 2-1475
CURIUM CM 243
-- PROPERTIES NUCLEAR
1-1960
CURIUM CM 244
-- PROPERTIES NUCLEAR
1-1960

CURIUM CM 245
-- PROPERTIES NUCLEAR
1-1960
CURIUM CM 246
-- PROPERTIES NUCLEAR
1-1960
CURIUM CM 247
-- PROPERTIES NUCLEAR
1-1960

DEUTERIUM
-- CROSS SECTION DEUTERON
1- 263 2- 948 2-1619 3-2270
-- CROSS SECTION NEUTRON
1-1633 2- 777 2-1394 3-1259 3-2236
-- CROSS SECTION TRITON
1-1010 1-1160
-- PROPERTIES NUCLEAR
1-1435 2- 169 2- 173 2- 229 2- 378
2- 470 2- 536 2- 893 2-1045 2-1074
2-1404 2-1619 2-1987 3- 399 3- 763
3-1140 3-1274 3-1403 3-1421 3-1423
3-1718 3-1969 3-2017 3-2258 3-2270
-- RADIATION ABSORPTION BY
3-1373
-- RADIATION SCATTERING BY
1- 401 3- 396 3- 777
DYSPROSIUM
-- ABSORPTION OF RADIATION BY
3- 986
-- PROPERTIES NUCLEAR
3-1751
DYSPROSIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1333 2- 553 2-1721
-- PROPERTIES NUCLEAR
1-1941 3-1760
DYSPROSIUM DY-157
-- FORMATION OF
3-2221
-- PROPERTIES NUCLEAR
3-2221
DYSPROSIUM DY-159
-- FORMATION OF
3-2221
-- PROPERTIES NUCLEAR
3-2221
DYSPROSIUM DY-165
-- CROSS SECTION NEUTRON
1- 136
-- PROPERTIES NUCLEAR
3-2018 3-2019
DYSPROSIUM DY-166
-- FORMATION OF
3-2221
-- PROPERTIES NUCLEAR
3-2221

ELEMENTS
-- ABUNDANCE AND DISTRIBUTION
2-1978 3- 285
-- CROSS SECTION NEUTRON
3- 769 3-1261 3-2242
ELEMENTS HEAVY
-- CROSS SECTION NEUTRON
2-2143
-- PROPERTIES NUCLEAR
2- 620 2-1133 2-1273 2-2197 2-2206
3-1128 3-1269
ELEMENTS TRANSURANIC
-- PROPERTIES NUCLEAR
2- 774 2-1093 2-1214
ERBIUM
-- CROSS SECTION NEUTRON
2- 166
-- PROPERTIES NUCLEAR
2-2141
ERBIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-1935
-- FORMATION OF
3-1964
-- PROPERTIES NUCLEAR
3-1964
EUROPIUM
-- PROPERTIES NUCLEAR
1- 543 1-1043 2-1438 3- 149
EUROPIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1498
-- CROSS SECTION NEUTRON
3- 149
-- PROPERTIES NUCLEAR
1- 854
EUROPIUM EU-152
-- PROPERTIES NUCLEAR
1-1701
EUROPIUM EU-153
-- PROPERTIES NUCLEAR
2-1972
EUROPIUM EU-154
-- PROPERTIES NUCLEAR
1- 543 1-1701 3-1032
EUROPIUM EU-155
-- PROPERTIES NUCLEAR
1- 852 2- 647

FLUORINE
-- CROSS SECTION NEUTRON
1-1631 2-1393
-- PROPERTIES NUCLEAR
1- 329 1- 402 1- 838 2- 531 2-1971
3-1140 3-2274
-- RADIATION STOPPING BY
2-1171
FLUORINE F-17
-- FORMATION OF
2- 568
FLUORINE F-18
-- FORMATION OF
1- 498 2-1968
-- PROPERTIES NUCLEAR
1- 836 1-1186 1-1932 3- 493
FLUORINE F-19
-- CROSS SECTION NEUTRON
3-1136
-- PROPERTIES NUCLEAR
1- 295 2- 13 2- 845 2-1093 2-1399
2-1918 3- 794 3-1276 3-1403 3-2327
3-2328
FLUORINE F-22
-- PROPERTIES NUCLEAR
3-1402
FRANCIUM
-- ABUNDANCE AND DISTRIBUTION
3- 678
FRANCIUM ISOTOPES
-- PROPERTIES NUCLEAR
3-2249
FRANCIUM FA-221
-- PROPERTIES NUCLEAR
1-1316

GADOLINIUM
-- PROPERTIES NUCLEAR
1-1202 3-1751
-- RADIATION ABSORPTION BY
3- 986
GADOLINIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 958 1-1498
-- PROPERTIES NUCLEAR
1- 854
GADOLINIUM GD-152
-- PROPERTIES NUCLEAR
1-1202
GADOLINIUM GD-153
-- PROPERTIES NUCLEAR
1- 543
GADOLINIUM GD-159
-- PROPERTIES NUCLEAR
2-2209
GADOLINIUM GD-161
-- PROPERTIES NUCLEAR
2-2209
GALLIUM
-- PROPERTIES NUCLEAR
2- 299 3-2259
GALLIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
GALLIUM GA-68
-- PROPERTIES NUCLEAR
2-1614
GALLIUM GA-70
-- PROPERTIES NUCLEAR
1-1029
GALLIUM GA-72
-- PROPERTIES NUCLEAR
1- 327 1-1029 1-1927 2- 167
GALLIUM GA-76
-- PROPERTIES NUCLEAR
2- 299
GERMANIUM
-- PROPERTIES NUCLEAR
2- 298 2- 299
-- RADIATION ABSORPTION BY
3- 986
-- RADIATION STOPPING BY
3- 995
GERMANIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 147 2-1212
GERMANIUM GE 69
-- PROPERTIES NUCLEAR
2- 299
GERMANIUM GE 70
-- PROPERTIES NUCLEAR
1- 326 2- 298 2-1814
GERMANIUM GE 71
-- PROPERTIES NUCLEAR
2- 299 3- 189
GERMANIUM GE 72
-- PROPERTIES NUCLEAR
3- 843
GERMANIUM GE 73
-- PROPERTIES NUCLEAR
3-1581
GERMANIUM GE 75
-- PROPERTIES NUCLEAR
2- 299
GERMANIUM GE 76
-- PROPERTIES NUCLEAR
2- 299

GERMANIUM GE 77
-- PROPERTIES NUCLEAR
3- 189
GOLD
-- CROSS SECTION NEUTRON
1- 979 3-1392 3-1949
-- FISSION OF
2-1975
-- PROPERTIES NUCLEAR
2- 687 2-1269 2-1438 2-2027 2-2028
3-1255 3-1611 3-1751
-- RADIATION ABSORPTION BY
2- 383 2-1200 2-1500 3- 986
-- RADIATION SCATTERING BY
2-1750 3-1220
GOLD ISOTOPES
-- PROPERTIES NUCLEAR
1-1644
GOLD AU-194
-- PROPERTIES NUCLEAR
1-1477 3- 887
GOLD AU-195
-- PROPERTIES NUCLEAR
1-1477 3- 887
GOLD AU-196
-- PROPERTIES NUCLEAR
1-1477 3- 887
GOLD AU-197
-- PROPERTIES NUCLEAR
1-1478 1-1863 3-1397
GOLD AU-198
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- ISOTOPIC SEPARATION
3-1389
-- PROPERTIES NUCLEAR
1- 6 1- 143 1- 837 1-1188 1-1877
1-1924 1-1927 2-1268 2-1693 2-1694
2-1840 2-1887 3- 492 3- 843 3- 887
3- 897 3-1013 3-1316 3-1753 3-1754
3-2335
GOLD AU-199
-- PROPERTIES NUCLEAR
1-1191 3-1467

HAFNIUM
-- CROSS SECTION NEUTRON
2- 166
HAFNIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 467 3-2220
-- PROPERTIES NUCLEAR
3-2253
HAFNIUM HF-175
-- FORMATION OF
2- 992
-- PROPERTIES NUCLEAR
2- 992 2-1691
HAFNIUM HF-181
-- PROPERTIES NUCLEAR
1- 107 1- 325 2- 286 2- 287 2-1139
2-1140 3- 881 3-1162 3-2020 3-2021
HAFNIUM HF-184
-- RADIATION ABSORPTION BY
1-1484
HELIUM
-- PROPERTIES NUCLEAR
2- 669 3- 395
-- RADIATION ABSORPTION BY
2-1165
-- RADIATION SCATTERING BY
1- 401 3- 716 3-1599 3-1602
HELIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 955 2- 498 2-2124
HELIUM HE 3
-- CROSS SECTION DEUTERON
1- 978 1-1006
-- CROSS SECTION NEUTRON
1-1167 2-1388 2-2145 3-1965 3-1971
-- FORMATION OF
2- 247 2- 948 2-1392 2-1403 2-1616
2-1619 2-2151 2-2152 3- 399 3-1423
3-2270
-- ISOTOPIC SEPARATION
1-1607 1-1608 1-1660 2- 247 2- 759
3-1250
-- PROPERTIES NUCLEAR
1-1004 1-1011 1-1024 1-1886 2- 229
2- 781 2-1093 2-1977 2-1981 3-1260
3-1420 3-1956 3-2258
HELIUM HE 4
-- FORMATION OF
3- 399 3-1420 3-1586
-- PROPERTIES NUCLEAR
1- 667 2- 781 3-2258
-- RADIATION SCATTERING BY
2-2068 3-1947
HELIUM HE 5
-- PROPERTIES NUCLEAR
1- 667
HELIUM HE 6
-- PROPERTIES NUCLEAR
1- 986 1-1186 1-1932 2-1690 3- 491
HOLMIUM ISOTOPES
-- FORMATION OF
2-2220
HOLMIUM ISOTOPES
-- PROPERTIES NUCLEAR
2- 638
HOLMIUM HO-161
-- PROPERTIES NUCLEAR
1-1277
HOLMIUM HO-162
-- PROPERTIES NUCLEAR
1-1277
HOLMIUM HO-164
-- PROPERTIES NUCLEAR
1-1277
HOLMIUM HO-166
-- PROPERTIES NUCLEAR
2-2221 3-2338
HYDROGEN
-- CROSS SECTION NEUTRON
1- 740 1- 989 2- 777 3-1391 3-1952
3-2236
-- FORMATION OF
3-2159
-- PROPERTIES NUCLEAR
1- 7 1-1464 1-1465 1-1675 2- 175
2- 323 2-1312 3-1403
-- RADIATION ABSORPTION BY
1-1374 2-1050 2-1165 2-1606 3- 710
-- RADIATION SCATTERING BY
1-1081 2-1169 3-1454 3-1952 3-2351
-- RADIATION STOPPING BY
2-1171
HYDROGEN ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2227

INDIUM
-- CROSS SECTION NEUTRON
1-1640 3- 764
-- RADIATION ABSORPTION BY
3- 986
INDIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1594 3-2220
-- PROPERTIES NUCLEAR
2- 285
INDIUM IN 111
-- PROPERTIES NUCLEAR
2-1669 3- 995
INDIUM IN 112
-- PROPERTIES NUCLEAR
3- 995
INDIUM IN 114
-- FORMATION OF
3-1659
-- PROPERTIES NUCLEAR
3-1028 3-1659 3-2026
INDIUM IN 115
-- CROSS SECTION NEUTRON
2- 936
-- PROPERTIES NUCLEAR
2-1093 2-1139 2-1269 2-1612 2-1972
3-1418 3-1465
INDIUM IN 116
-- CROSS SECTION NEUTRON
1- 136 2-1800
INDIUM IN 118
-- PROPERTIES NUCLEAR
3- 886
INDIUM IN 119
-- PROPERTIES NUCLEAR
3- 886
IODINE
-- CROSS SECTION NEUTRON
3- 764
-- RADIATION ABSORPTION BY
3- 986
-- RADIATION STOPPING BY
2-1171
IODINE ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2223
-- FORMATION OF
1- 67 1- 470
-- PROPERTIES NUCLEAR
1- 114
IODINE I-124
-- PROPERTIES NUCLEAR
3-1467
IODINE I-126
-- FORMATION OF
2-1617
IODINE I-127
-- CROSS SECTION NEUTRON
2- 936
-- PROPERTIES NUCLEAR
2- 233 2-1404 2-1617 2-1972 3-1403
3-1407
IODINE I-128
-- CROSS SECTION NEUTRON
1- 136 2-1800
IODINE I-129
-- PROPERTIES NUCLEAR
3- 761 3-1268 3-1407
IODINE I-131
-- ANALYSIS RADIOMETRIC
1- 918 3-1181 3-2127 3-2302
-- FORMATION OF
1- 62 1- 469 2-1536

IODINE I-131
-- PROPERTIES NUCLEAR
1- 996 2- 288 2- 597 2- 808 2- 842
2-1667 2-1670 2-2205 3- 188 3- 191
3- 496 3- 910 3-1313 3-1317 3-1431
IODINE I-132
-- PROPERTIES NUCLEAR
2-1669
IODINE I-133
-- PROPERTIES NUCLEAR
2-1670
IODINE I-134
-- PROPERTIES NUCLEAR
1-1359
IODINE I-135
-- PROPERTIES NUCLEAR
2-1670 2-1671 2-1969
IODINE I-136
-- PROPERTIES NUCLEAR
1- 692
IODINE I-137
-- PROPERTIES NUCLEAR
2-1000
IODINE I-138
-- PROPERTIES NUCLEAR
2-1000
IODINE I-139
-- PROPERTIES NUCLEAR
2-1000
IRIDIUM
-- CROSS SECTION NEUTRON
1- 979
-- FISSION OF
2-1975
-- PROPERTIES NUCLEAR
2-1438 2-1972 2-2027
-- RADIATION ABSORPTION BY
3- 986
IRIDIUM ISOTOPES
-- FORMATION OF
1- 670
-- PROPERTIES NUCLEAR
3-2253
IRIDIUM IR-192
-- PROPERTIES NUCLEAR
1- 157 1- 885 1-1698 3-2018 3-2019
IRIDIUM IR-194
-- PROPERTIES NUCLEAR
1- 331 3-2019
IRON
-- ABUNDANCE AND DISTRIBUTION
3-2222
-- CROSS SECTION NEUTRON
1- 140 1- 141 1- 656 1- 657 2- 526
3-1392
-- PROPERTIES NUCLEAR
2-1814
-- RADIATION ABSORPTION BY
1- 441 1- 443 1-1403 2- 376 2- 457
2-1069 2-1188 2-1363 2-1365 2-1908
2-2096 3- 710 3- 971 3-1600
-- RADIATION SCATTERING BY
1- 140 1-1637 2-1390 2-1973 3-1948
IRON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 757 3-2220
IRON FE-52
-- PROPERTIES NUCLEAR
1-1008 1-1014
IRON FE-54
-- CROSS SECTION NEUTRON
3-1136
-- PROPERTIES NUCLEAR
2-1404
IRON FE-55
-- FORMATION OF
1- 470
-- PROPERTIES NUCLEAR
1-1871
IRON FE-56
-- PROPERTIES NUCLEAR
3-1662 3-1685
IRON FE-57
-- PROPERTIES NUCLEAR
1-1153 3-1141 3-1583 3-1662 3-1717
IRON FE-59
-- FORMATION OF
1- 469 1- 470
ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 138 1- 471 1-1165 1-1376 1-1755
1-1839 1-1840 2- 15 2- 16 2- 155
2- 390 2- 497 2- 499 2- 500 2- 921
2- 922 2-1214 2-1215 2-1376 2-1579
2-1954 2-1956 2-1978 3- 150 3-1682
3-1957
-- CROSS SECTION GAMMA
1-1483 2- 530 2- 535
-- PROPERTIES NUCLEAR
1- 138 1- 152 1- 170 1- 468 1- 652
1- 803 1- 809 1-1165 1-1298 1-1659
1-1704 1-1837 1-1838 1-1857 1-1915
2- 341 2- 782 2- 822 2- 923 2- 937
2- 949 2- 994 2-1092 2-1215 2-1232
2-1246 2-1312 2-1818 2-1976 2-2159
3- 387 3- 404 3- 407 3- 761 3-1714
3-1722 3-2250 3-2267 3-2273 3-2324
KRYPTON ISOTOPES
-- PROPERTIES NUCLEAR
1- 114 1- 117
KRYPTON KR-77
-- FORMATION OF
1-1482
-- PROPERTIES NUCLEAR
1-1482
KRYPTON KR-79
-- FORMATION OF
1-1482
-- PROPERTIES NUCLEAR
1-1482
KRYPTON KR-85
-- FORMATION OF
1-1482
-- PROPERTIES NUCLEAR
3-1315
KRYPTON KR-87
-- CROSS SECTION NEUTRON
2-1964
-- PROPERTIES NUCLEAR
2- 533 3-1315
KRYPTON KR-88
-- PROPERTIES NUCLEAR
3-1315
LANTHANUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 704
-- PROPERTIES NUCLEAR
1- 854 1-1715
LANTHANUM LA 135
-- PROPERTIES NUCLEAR
1- 703 1-1042
LANTHANUM LA 136
-- PROPERTIES NUCLEAR
1- 703
LANTHANUM LA 137
-- FORMATION OF
2-1617
-- PROPERTIES NUCLEAR
1- 703 1-1042 1-1203
LANTHANUM LA 138
-- PROPERTIES NUCLEAR
2-1617
LANTHANUM LA 139
-- PROPERTIES NUCLEAR
1-1042 1-1928 3-1720
-- RADIATION ABSORPTION BY
3-1720
LANTHANUM LA 140
-- CROSS SECTION NEUTRON
1- 975 2-2137
-- FORMATION OF
2-1665
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
1- 331 2-1663 2-1664 2-1673
LANTHANUM LA 143
-- PROPERTIES NUCLEAR
2-1666 2-1678
LEAD
-- CROSS SECTION GAMMA
2-1166
-- CROSS SECTION NEUTRON
1- 140 1- 979 2- 527 2- 777 2-1596
2-2143 3- 764 3-1392 3-1712 3-2236
-- FISSION OF
2-1975 3-1726
-- PROPERTIES NUCLEAR
2- 846 3- 766 3-1712
-- RADIATION ABSORPTION BY
1- 5 1- 73 1- 79 1- 440 1- 441
1- 442 1- 443 1- 728 1- 766 1- 886
1- 931 1-1105 1-1107 1-1374 1-1400
1-1401 1-1562 1-1564 1-1565 1-1566
1-1567 1-1568 1-1799 2- 3 2- 106
2- 111 2- 114 2- 375 2- 376 2- 379
2- 740 2- 742 2- 743 2- 915 2-1165
2-1166 2-1188 2-1200 2-1202 2-1239
2-1363 2-1365 2-1550 2-1558 2-1567
2-1769 2-1908 2-1909 2-1910 2-1911
2-1912 2-1913 2-1914 2-2096 2-2102
3- 124 3- 126 3- 539 3- 710 3- 740
3- 745 3- 971 3- 973 3- 979 3-1218
3-1237 3-1377 3-1453 3-1600 3-2208
-- RADIATION SCATTERING BY
1- 140 1-1523 2-1973 3-1951
LEAD ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 461 2-1791 2-2073 2-2123
-- PROPERTIES NUCLEAR
2-1383 3-2249
LEAD PB-204
-- FISSION OF
3-1726
LEAD PB-207
-- PROPERTIES NUCLEAR
3-1397 3-1719
LEAD PB-208
-- FISSION OF
3-1726
LEAD PB-209
-- PROPERTIES NUCLEAR
1-1316 3-1712

LEAD PB-210
-- PROPERTIES NUCLEAR
1- 330 1-1189 2- 967 2-1132 3-1989
LEAD PB-212
-- PROPERTIES NUCLEAR
2- 550 2-1132 2-1440
LEAD PB-214
-- PROPERTIES NUCLEAR
2- 623 3-1472 3-1595
LITHIUM
-- CROSS SECTION NEUTRON
1-1636 2- 777
-- PROPERTIES NUCLEAR
1- 5 1- 329 1- 638 1-1702 2-1264
2-2153 3-1140 3-1255 3-2259 3-2274
-- RADIATION ABSORPTION BY
2-1165 3- 986
LITHIUM LI-6
-- FORMATION OF
3- 155
-- PROPERTIES NUCLEAR
1- 520 1- 693 1- 815 1- 884 1-1441
1-1487 1-1863 2- 291 2-1392 2-1600
2-1611 2-1618 2-1968 3-1608 3-1967
3-2258 3-2266 3-2276 3-2294
LITHIUM LI-7
-- CROSS SECTION NEUTRON
1-1636
-- CROSS SECTION PROTON
1-1015
-- FORMATION OF
1- 4 1-1929 2-1135 2-2196 3- 898
3-1741 3-1968 3-2294
-- PROPERTIES NUCLEAR
1- 295 2- 520 2- 613 2- 884 2- 987
1-1863 2- 291 2- 566 2- 629 2- 993
2-1094 2-1135 2-1392 2-1404 2-1487
2-1611 2-1803 2-1972 3- 399 3- 794
3- 895 3- 898 3-1163 3-1262 3-1270
3-1272 3-1276 3-1403 3-1417 3-1586
3-1608 3-1741 3-1968 3-2258 3-2266
3-2294 3-2327
LITHIUM LI-8
-- FORMATION OF
1-1013
-- PROPERTIES NUCLEAR
1- 167 2- 622 3-2258
LUTECIUM
-- PROPERTIES NUCLEAR
2- 992
LUTECIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-1935
-- PROPERTIES NUCLEAR
2- 638
LUTECIUM LU-170
-- PROPERTIES NUCLEAR
1-1277
LUTECIUM LU-171
-- PROPERTIES NUCLEAR
1-1277
LUTECIUM LU-172
-- PROPERTIES NUCLEAR
1-1277
LUTECIUM LU-177
-- PROPERTIES NUCLEAR
3- 494 3-2338

MAGNESIUM
-- CROSS SECTION ALPHA
1- 288
-- CROSS SECTION NEUTRON
1-1631 2- 777 2-1393
-- PROPERTIES NUCLEAR
1- 329 2- 8 2- 846 3- 994 3-2024
3-2274
-- RADIATION ABSORPTION BY
2- 90 2-2107
-- RADIATION SCATTERING BY
1-1523 3- 714
MAGNESIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 149
-- PROPERTIES NUCLEAR
1-1700
MAGNESIUM MG 24
-- CROSS SECTION DEUTERON
1- 812
-- PROPERTIES NUCLEAR
1- 814 1-1524 2- 1 2- 14 2-1404
2-1499 3- 791 3-1315 3-1664 3-1708
MAGNESIUM MG 25
-- PROPERTIES NUCLEAR
1- 295 1- 814 1-1894 2-1404 2-1620
3- 791
MAGNESIUM MG 26
-- CROSS SECTION DEUTERON
1- 812
-- PROPERTIES NUCLEAR
1- 295 1- 814 2-1404 3- 791
MAGNESIUM MG 27
-- PROPERTIES NUCLEAR
1-1034
MANGANESE
-- CROSS SECTION NEUTRON
2- 525 2-1085

MANGANESE
-- RADIATION ABSORPTION BY
3- 986
MANGANESE ISOTOPES
-- FORMATION OF
1- 470
MANGANESE MN 52
-- FORMATION OF
3- 154
-- PROPERTIES NUCLEAR
1- 225 3- 892
MANGANESE MN 54
-- FORMATION OF
3-1662
MANGANESE MN 55
-- PROPERTIES NUCLEAR
2-1972 3-1397 3-2256
MANGANESE MN 56
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- FORMATION OF
3- 154
MERCURY
-- CROSS SECTION NEUTRON
1- 979 3-1575
-- FISSION OF
2-1975
-- PROPERTIES NUCLEAR
2- 233
-- RADIATION ABSORPTION BY
2-1200 3- 986
-- RADIATION SCATTERING BY
1-1523
MERCURY ISOTOPES
-- ABUNDANCE AND DISTRIBUTIONS
3-2220
-- FORMATION OF
1- 470
-- PROPERTIES NUCLEAR
3-1751 3-2253
MERCURY HG-198
-- PROPERTIES NUCLEAR
3-1316
MERCURY HG-199
-- PROPERTIES NUCLEAR
3-1249
MERCURY HG-200
-- PROPERTIES NUCLEAR
3-1249
MERCURY HG-201
-- PROPERTIES NUCLEAR
3-1397
MERCURY HG-203
-- PROPERTIES NUCLEAR
1- 688 1-1474 2-1131
MOLYBDENUM
-- CROSS SECTION DEUTERON
2- 640
-- CROSS SECTION PROTON
2- 640
-- PROPERTIES NUCLEAR
1- 544 1- 834 1-1506 2- 574
-- RADIATION ABSORPTION BY
1- 728
MOLYBDENUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
-- PROPERTIES NUCLEAR
1- 305
MOLYBDENUM MO 91
-- FORMATION OF
3-1478
-- PROPERTIES NUCLEAR
3-1478
MOLYBDENUM MO-92
-- PROPERTIES NUCLEAR
2- 639 3-1397
MOLYBDENUM MO-93
-- FORMATION OF
3-1478
-- PROPERTIES NUCLEAR
3-1478
MOLYBDENUM MO-94
-- PROPERTIES NUCLEAR
1- 299 2- 640
MOLYBDENUM MO-95
-- PROPERTIES NUCLEAR
1- 299 1- 300 2- 640
MOLYBDENUM MO-96
-- PROPERTIES NUCLEAR
1- 300 2- 640
MOLYBDENUM MO-97
-- PROPERTIES NUCLEAR
1- 300 3-1397
MOLYBDENUM MO-98
-- PROPERTIES NUCLEAR
1- 299
MOLYBDENUM MO-99
-- FORMATION OF
3- 760 3-1265 3-1726
-- PROPERTIES NUCLEAR
3-1474

NEODYMIUM
-- PROPERTIES NUCLEAR
2-1675

NEODYMIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 706 2-1015
-- FORMATION OF
2-1675 2-2220
-- PROPERTIES NUCLEAR
1- 854
NEODYMIUM ND 140
-- PROPERTIES NUCLEAR
2-1449
NEODYMIUM ND 141
-- PROPERTIES NUCLEAR
2-1449
NEODYMIUM ND 143
-- CROSS SECTION NEUTRON
2-1087
NEODYMIUM ND 147
-- PROPERTIES NUCLEAR
2-1674
NEODYMIUM ND 150
-- PROPERTIES NUCLEAR
3-1397
NEON
-- PROPERTIES NUCLEAR
1- 402 2- 571
-- RADIATION SCATTERING BY
1- 401
NEON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
NEON NE-20
-- FORMATION OF
2- 13
-- PROPERTIES NUCLEAR
2- 14 3-1402
NEON NE-22
-- FORMATION OF
3-2329
-- PROPERTIES NUCLEAR
2- 568
NEON NE-23
-- FORMATION OF
2- 568
NEPTUNIUM
-- FISSION OF
2- 351
-- PROPERTIES NUCLEAR
1- 193 1- 542 2- 989 2-2059
NEPTUNIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1962
NEPTUNIUM NP 234
-- FORMATION OF
1-1229 2-1489 2-1614
-- PROPERTIES NUCLEAR
2-1489 2-1514
NEPTUNIUM NP 235
-- FORMATION OF
2-1489
-- PROPERTIES NUCLEAR
2-1489
NEPTUNIUM NP 236
-- FORMATION OF
2-1477 2-1489
-- PROPERTIES NUCLEAR
2-1489
NEPTUNIUM NP 237
-- CROSS SECTION NEUTRON
2-1476
-- FISSION OF
2-1476
-- FORMATION OF
1- 879
-- PROPERTIES NUCLEAR
1- 206 1-1064 1-1066 2- 888 2-1306
2-1477
NEPTUNIUM NP 238
-- FORMATION OF
2-1477
-- PROPERTIES NUCLEAR
3- 873
NEPTUNIUM NP 239
-- FORMATION OF
2-1470
NICKEL
-- CROSS SECTION NEUTRON
1-1536 2- 526
-- PROPERTIES NUCLEAR
2- 8 2-1441 2-1814 3-1611
NICKEL ISOTOPES
-- CROSS SECTION NEUTRON
2-1385
NICKEL NI 57
-- FORMATION OF
2-1617
NICKEL NI 58
-- CROSS SECTION NEUTRON
1-1636 2- 166
-- PROPERTIES NUCLEAR
2-1617 2-1972 2-1983
NICKEL NI 59
-- PROPERTIES NUCLEAR
1-1153 3- 889 3-1583
NICKEL NI 60
-- CROSS SECTION NEUTRON
1-1636 2- 166
NICKEL NI 60
-- PROPERTIES NUCLEAR
2- 1 2-1983
NICKEL NI 61
-- PROPERTIES NUCLEAR
2-1983
NICKEL NI 62
-- PROPERTIES NUCLEAR
2-1983
NICKEL NI 63
-- PROPERTIES NUCLEAR
3- 889
NICKEL NI 64
-- PROPERTIES NUCLEAR
2-1983
NICKEL NI 65
-- PROPERTIES NUCLEAR
3-1312
NITROGEN
-- CROSS SECTION NEUTRON
1- 144 1- 740 1-1631 2- 777 2-1393
3-2236
-- PROPERTIES NUCLEAR
1- 302 1- 329 1- 402 2- 177 3-1940
3-2274
-- RADIATION ABSORPTION BY
2-1050 2-1165
-- RADIATION SCATTERING BY
1- 401 2- 691 3- 120
-- RADIATION STOPPING BY
2-1171
NITROGEN ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 471
NITROGEN N-12
-- PROPERTIES NUCLEAR
2-1265
NITROGEN N-13
-- FORMATION OF
1- 469 1-1893 2-1403 2-1618 3- 399
3-1394 3-2327 3-2337
-- PROPERTIES NUCLEAR
1-1035 3-2337
NITROGEN N-14
-- CROSS SECTION NEUTRON
2- 174 3-1136 3-1965 3-1971
-- FORMATION OF
1-1893 3-2327
-- PROPERTIES NUCLEAR
1- 4 1- 295 1- 497 2- 8 2- 174
2- 568 2- 783 2-1141 2-1191 2-1401
2-1403 2-1404 3-1009 3-1260 3-1273
3-1748 3-1941 3-2257
NITROGEN N-15
-- FORMATION OF
1- 63 3-1273
-- ISOTOPIC SEPARATION
1- 113
-- PROPERTIES NUCLEAR
1- 295 3-1715
NITROGEN N-16
-- PROPERTIES NUCLEAR
2- 533 2-1980 3-1715
NITROGEN N-17
-- FORMATION OF
2-1971
-- PROPERTIES NUCLEAR
2- 531 2-1970 2-1971 3-2275

OSMIUM
-- RADIATION ABSORPTION BY
3- 986
OSMIUM ISOTOPES
-- FORMATION OF
1- 670
OSMIUM OS 184
-- CROSS SECTION NEUTRON
1- 840
OSMIUM OS 185
-- PROPERTIES NUCLEAR
1- 840
OSMIUM OS 187
-- PROPERTIES NUCLEAR
1- 160 1- 191 1-1192
OSMIUM OS-190
-- CROSS SECTION NEUTRON
1- 840
OSMIUM OS 191
-- PROPERTIES NUCLEAR
1-1706
OSMIUM OS 192
-- CROSS SECTION NEUTRON
1- 840
OSMIUM OS 193
-- PROPERTIES NUCLEAR
1- 840 1-1706
OXYGEN
-- CROSS SECTION NEUTRON
1- 144 1- 740 1- 989 1-1631 2- 777
2-1393 2-2144 3-1391 3-2236
-- PROPERTIES NUCLEAR
3- 395 3- 770 3-1422
-- RADIATION ABSORPTION BY
2-1050 2-1165
-- RADIATION SCATTERING BY
1- 401 3- 148

OXYGEN
-- RADIATION STOPPING BY
2-1171
OXYGEN ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 471 2- 150 2- 712 2- 756 2-1213
2-1375 3-2220 3-2222 3-2225 3-2227
OXYGEN O-14
-- PROPERTIES NUCLEAR
2-1141
OXYGEN O-15
-- FORMATION OF
1- 498 2- 568 3-1748
-- PROPERTIES NUCLEAR
3-1748
OXYGEN O-16
-- CROSS SECTION NEUTRON
3-1136
-- FORMATION OF
2- 13 3- 794 3-2328
-- PROPERTIES NUCLEAR
1-1700 2- 8 2- 568 2-1968 2-1972
3-2327 3-2328 3-2333
OXYGEN O-17
-- PROPERTIES NUCLEAR
1-1660 2- 531 2-1213 2-1970 3-2275
OXYGEN O-18
-- FORMATION OF
1- 63 3-2327
OXYGEN O-19
-- PROPERTIES NUCLEAR
3-1402
OXYGEN O-20
-- PROPERTIES NUCLEAR
3-1402

PALLADIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2-2123
-- FORMATION OF
1- 670
PALLADIUM PD 104
-- CROSS SECTION NEUTRON
1- 136
PALLADIUM PD 106
-- PROPERTIES NUCLEAR
2- 1 3-1476
PALLADIUM PD 107
-- PROPERTIES NUCLEAR
2-1681 2-1800
PALLADIUM PD 109
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- PROPERTIES NUCLEAR
1-1250 3-2022
PALLADIUM PD 110
-- FORMATION OF
3- 174
PALLADIUM PD 111
-- CROSS SECTION NEUTRON
1- 136 2-1800
PHOSPHORUS
-- CROSS SECTION NEUTRON
1-1631 2-1393
-- PROPERTIES NUCLEAR
2- 846
PHOSPHORUS ISOTOPES
-- FORMATION OF
1- 67
-- PROPERTIES NUCLEAR
1-1700
PHOSPHORUS P 31
-- CROSS SECTION NEUTRON
1-1294 3-1136
-- PROPERTIES NUCLEAR
1- 295 1-1294 2-1404 2-1813 2-1918
3-1403 3-1408 3-1720 3-1749
-- RADIATION ABSORPTION BY
3-1720
PHOSPHORUS P 32
-- ANALYSIS RADIOMETRIC
2-1635 3-1809 3-2302
-- FORMATION OF
1- 62 1- 469 3-1749 3-2272
-- PROPERTIES NUCLEAR
1- 40 1- 456 1- 988 1- 996 1-1324
1-1660 2- 201 2- 597 2- 808 3- 890
3- 910 3-1032 3-1431 3-1462 3-1475
3-1748 3-1749 3-1754 3-1989
PHOSPHORUS P 34
-- PROPERTIES NUCLEAR
3-1402
PLATINUM
-- PROPERTIES NUCLEAR
1-1477 2-2027 3- 887
-- RADIATION ABSORPTION BY
3- 986
-- RADIATION SCATTERING BY
1- 1 1- 2 3- 712
PLATINUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 922 3- 135 3-2223
-- FORMATION OF
1- 670
-- PROPERTIES NUCLEAR
2-2027 3-2253
PLATINUM PT-193
-- PROPERTIES NUCLEAR
1-1191
PLATINUM PT-199
-- CROSS SECTION NEUTRON
1- 136 2-1800
PLUTONIUM
-- FISSION OF
2- 351 2- 392 2- 774 3-1252
-- PROPERTIES NUCLEAR
1-1068 1-1359
PLUTONIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1962
PLUTONIUM PU 234
-- PROPERTIES NUCLEAR
1-1229 2-2059
PLUTONIUM PU 236
-- FORMATION OF
1-1229 2-1477 2-1489
-- PROPERTIES NUCLEAR
2-1489
PLUTONIUM PU 237
-- FORMATION OF
2-1477 2-1489
-- PROPERTIES NUCLEAR
2-1489
PLUTONIUM PU 238
-- FORMATION OF
1- 879 2-1477
-- PROPERTIES NUCLEAR
2-1473 3- 873
PLUTONIUM PU 239
-- FISSION OF
2-1739 2-1864 2-1968 3-1585 3-1707
3-2244
-- FORMATION OF
1- 731 2-1478
-- PROPERTIES NUCLEAR
1- 1 1- 206 1-1065 2-1306 3- 317
3-2321
PLUTONIUM PU 240
-- FORMATION OF
2-1489
PLUTONIUM PU 241
-- FORMATION OF
2-1489
-- PROPERTIES NUCLEAR
1-1066
POLONIUM
-- PROPERTIES NUCLEAR
1- 5 2- 292 2- 621 2- 841 3- 536
3-1138 3-1989 3-2274
POLONIUM ISOTOPES
-- PROPERTIES NUCLEAR
2-1273 2-1383 3-2249
POLONIUM PO-208
-- FORMATION OF
2-1991
POLONIUM PO-210
-- CROSS SECTION DEUTERON
2- 384
POLONIUM PO-212
-- PROPERTIES NUCLEAR
1- 839 1-1926 1-1930 2- 550 2- 847
2-1440 3- 162
POLONIUM PO-213
-- PROPERTIES NUCLEAR
1-1316
POLONIUM PO-214
-- PROPERTIES NUCLEAR
1- 293 1-1189 1-1925 3-1030
POLONIUM PO-216
-- PROPERTIES NUCLEAR
1- 192
POLONIUM PO-218
-- PROPERTIES NUCLEAR
2- 843 3- 184
POTASSIUM
-- PROPERTIES NUCLEAR
2- 518
-- RADIATION ABSORPTION BY
3-1396
POTASSIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 112 2- 149 2- 483 2- 990
POTASSIUM K-39
-- CROSS SECTION NEUTRON
3-1136 3-1396
-- PROPERTIES NUCLEAR
2-1404
POTASSIUM K-40
-- PROPERTIES NUCLEAR
1- 695 1- 841 1-1410 1-1481 1-1593
1-1822 2- 295 2- 635 2- 990 2-1790
2-2024 2-2029 3- 173 3- 175 3- 183
3- 875 3- 894 3-1595 3-1746 3-1912
POTASSIUM K-42
-- PROPERTIES NUCLEAR
1-1184 3- 888
POTASSIUM K-43
-- FORMATION OF
2-1134
-- PROPERTIES NUCLEAR
2-1134

PRASEODYMIUM
-- PROPERTIES NUCLEAR
2-1449
PRASEODYMIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 706
-- PROPERTIES NUCLEAR
2- 285
PRASEODYMIUM PR-140
-- FORMATION OF
2-1617
PRASEODYMIUM PR-141
-- PROPERTIES NUCLEAR
2- 284 2-1617 3- 761 3-1397
PRASEODYMIUM PR-142
-- PROPERTIES NUCLEAR
2-2042 3-1311
PRASEODYMIUM PR-143
-- FORMATION OF
1-1203
-- PROPERTIES NUCLEAR
2- 284 3-2332
PROMETHEUM
-- ABUNDANCE AND DISTRIBUTION
3- 678
PROMETHEUM ISOTOPES
-- FORMATION OF
2-1675 2-2220
PROMETHEUM PM-147
-- ISOTOPIC SEPARATION
1-1282
PROTOACTINIUM PA 226
-- PROPERTIES NUCLEAR
2-1144
PROTOACTINIUM PA 227
-- PROPERTIES NUCLEAR
1- 835
PROTOACTINIUM PA 228
-- PROPERTIES NUCLEAR
1- 835
PROTOACTINIUM PA 229
-- FORMATION OF
2-1614
-- PROPERTIES NUCLEAR
2-1614 2-2194
PROTOACTINIUM PA-230
-- FORMATION OF
2-1614
-- PROPERTIES NUCLEAR
1-1189 2-1614 2-2059
PROTOACTINIUM PA 231
-- PROPERTIES NUCLEAR
3- 987 3-1614
PROTOACTINIUM PA 232
-- FORMATION OF
2-1488 2-1614
-- PROPERTIES NUCLEAR
2-1488 2-1614
PROTOACTINIUM PA 233
-- FORMATION OF
2-1488
-- PROPERTIES NUCLEAR
1-1698 2-1038
PROTOACTINIUM PA 234
-- PROPERTIES NUCLEAR
2-1675

RADIUM
-- PROPERTIES NUCLEAR
2- 641 3- 181 3- 883 3-1005 3-1138
3-1988
RADIUM RA 222
-- PROPERTIES NUCLEAR
1-1190
RADIUM RA 223
-- CROSS SECTION NEUTRON
2-1386
-- FISSION OF
2-1386
RADIUM RA 224
-- PROPERTIES NUCLEAR
3- 900
RADIUM RA 225
-- PROPERTIES NUCLEAR
1-1316
RADIUM RA 228
-- CROSS SECTION NEUTRON
2-1386
-- FISSION OF
2-1386
-- PROPERTIES NUCLEAR
2- 623 2-2203 3- 896
RADON
-- ABUNDANCE AND DISTRIBUTION
1- 200 1- 682
RADON ISOTOPES
-- FORMATION OF
3-1752
-- PROPERTIES NUCLEAR
3-1752 3-2249
RADON RN-218
-- PROPERTIES NUCLEAR
2- 843 2- 957 3- 184
RHENIUM
-- PROPERTIES NUCLEAR
3-1605

RHENIUM ISOTOPES
-- FORMATION OF
2-2220
-- PROPERTIES NUCLEAR
2- 285 2- 638
RHENIUM RE-178
-- PROPERTIES NUCLEAR
3- 843
RHENIUM RE-182
-- PROPERTIES NUCLEAR
1-1277 3-1605
RHENIUM RE-183
-- PROPERTIES NUCLEAR
1-1277 3-1605
RHENIUM RE-184
-- PROPERTIES NUCLEAR
1-1277 3-1605
RHENIUM RE-186
-- PROPERTIES NUCLEAR
3- 880 3-1754 3-2023
RHENIUM RE-187
-- PROPERTIES NUCLEAR
1- 160 1- 187 1-1484 3- 162
RHENIUM RE-188
-- PROPERTIES NUCLEAR
1-1706
RHODIUM
-- CROSS SECTION NEUTRON
2-1604
RHODIUM ISOTOPES
-- FORMATION OF
1- 760
RHODIUM RH-102
-- PROPERTIES NUCLEAR
2-1685
RHODIUM RH-103
-- PROPERTIES NUCLEAR
1-1941 2- 302 2-1679
RHODIUM RH-104
-- CROSS SECTION NEUTRON
1- 136
-- PROPERTIES NUCLEAR
2- 302
RHODIUM RH-106
-- PROPERTIES NUCLEAR
2- 1 2- 7 2-1679 3-1331
RUBIDIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2-1077
-- PROPERTIES NUCLEAR
1- 114 1- 117
RUBIDIUM RB-81
-- PROPERTIES NUCLEAR
1-1892
RUBIDIUM RB-82
-- PROPERTIES NUCLEAR
1-1892
RUBIDIUM RB-85
-- PROPERTIES NUCLEAR
2-1231 3-1267 3-1403 3-1720 3-2256
-- RADIATION ABSORPTION BY
3-1720
RUBIDIUM RB-86
-- FORMATION OF
2-1678
-- PROPERTIES NUCLEAR
1-1318 1-1927
RUBIDIUM RB-87
-- PROPERTIES NUCLEAR
1- 330 2- 301 2- 632 2-1231 3-1267
3-1403 3-1760 3-2256
RUBIDIUM RB-88
-- CROSS SECTION NEUTRON
2-1965
RUTHENIUM
-- PROPERTIES NUCLEAR
1- 834 2-1685 2-2020
RUTHENIUM ISOTOPES
-- FORMATION OF
1- 670
-- PROPERTIES NUCLEAR
2- 233 2-1077
RUTHENIUM RU 95
-- PROPERTIES NUCLEAR
1- 544 2-1687
RUTHENIUM RU 97
-- PROPERTIES NUCLEAR
1- 544 2-1686
RUTHENIUM RU 103
-- PROPERTIES NUCLEAR
1-1941 2-1679
RUTHENIUM RU 106
-- PROPERTIES NUCLEAR
2-1679 2-1680

SAMARIUM
-- PROPERTIES NUCLEAR
1- 982 1-1202 3-1751
-- RADIATION ABSORPTION BY
1- 982
SAMARIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 922 2-1015
-- FORMATION OF
1-1041

SAMARIUM ISOTOPES
-- PROPERTIES NUCLEAR
1- 854
SAMARIUM SM-151
-- PROPERTIES NUCLEAR
1- 852
SAMARIUM SM-152
-- PROPERTIES NUCLEAR
1-1497
SAMARIUM SM-153
-- PROPERTIES NUCLEAR
1- 539
SAMARIUM SM-155
-- PROPERTIES NUCLEAR
2- 647
SCANDIUM
-- CROSS SECTION NEUTRON
2- 631
SCANDIUM SC-43
-- FORMATION OF
3- 792
SCANDIUM SC-45
-- PROPERTIES NUCLEAR
3- 399
SCANDIUM SC-46
-- PROPERTIES NUCLEAR
1- 837 1-1927 2- 1 2- 631
SCANDIUM SC-47
-- PROPERTIES NUCLEAR
3- 899
SELENIUM
-- PROPERTIES NUCLEAR
2- 398
SELENIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1482 3-2220
-- CROSS SECTION ALPHA
1-1482
-- FORMATION OF
1- 470
-- PROPERTIES NUCLEAR
2- 328 2-1522
SELENIUM SE-73
-- PROPERTIES NUCLEAR
1- 326
SELENIUM SE-74
-- CROSS SECTION NEUTRON
1-1431
-- PROPERTIES NUCLEAR
1-1482 1-1705
SELENIUM SE-75
-- FORMATION OF
3-2133
-- PROPERTIES NUCLEAR
1- 326 1-1431 2- 161 2-2023 3-1032
SELENIUM SE-76
-- PROPERTIES NUCLEAR
1-1482 1-1705
SILICON
-- CROSS SECTION NEUTRON
1-1631 2-1393
-- PROPERTIES NUCLEAR
2- 846
-- RADIATION STOPPING BY
3- 995
SILICON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
-- PROPERTIES NUCLEAR
1-1700 1-1894
SILICON SI-28
-- FORMATION OF
2-1094
-- PROPERTIES NUCLEAR
1- 814 1-1154 2-1404 3-1581 3-1583
3-2024
SILICON SI-29
-- PROPERTIES NUCLEAR
1- 295 3-1581 3-2024
SILICON SI-30
-- FORMATION OF
3-1716
-- PROPERTIES NUCLEAR
1- 295 1- 814 3-1581 3-1716
SILICON SI-31
-- PROPERTIES NUCLEAR
1-1294
SILVER
-- CROSS SECTION NEUTRON
2- 527 3- 764
-- PROPERTIES NUCLEAR
1- 303 1-1801 2- 687 3- 995 3-1611
-- RADIATION ABSORPTION BY
1- 728 2- 373 2-1165 3- 710 3- 986
-- RADIATION STOPPING BY
3-1885
SILVER ISOTOPES
-- PROPERTIES NUCLEAR
2- 285
SILVER AG 106
-- FORMATION OF
1- 498
SILVER AG 107
-- CROSS SECTION NEUTRON
1-1640 2- 936 3-1136
-- PROPERTIES NUCLEAR
2-2148 3- 892
SILVER AG 108
-- CROSS SECTION NEUTRON
1- 136 2-1600
-- PROPERTIES NUCLEAR
1- 143
SILVER AG 109
-- CROSS SECTION NEUTRON
1-1640 2- 936
-- PROPERTIES NUCLEAR
2-2148 3-1660
SILVER AG 110
-- CROSS SECTION NEUTRON
1- 136
-- PROPERTIES NUCLEAR
1- 143 2-2208 3- 174
SILVER AG 114
-- PROPERTIES NUCLEAR
3- 190
SILVER AG 115
-- PROPERTIES NUCLEAR
3- 190
SODIUM
-- CROSS SECTION NEUTRON
1-1631 2-1393 2-2144
-- PROPERTIES NUCLEAR
1- 329 2- 846 3-2259 3-2274
-- RADIATION ABSORPTION BY
2- 90
SODIUM ISOTOPES
-- FORMATION OF
1- 470
SODIUM NA 22
-- FORMATION OF
3-1664
-- PROPERTIES NUCLEAR
1- 812 1-1889 2- 255 2-1396 3-1032
3-1471 3-2015 3-2329
SODIUM NA 23
-- CROSS SECTION DEUTERON
1-1896
-- PROPERTIES NUCLEAR
1- 295 1-1700 2- 14 3-1403 3-1708
SODIUM NA 24
-- PROPERTIES NUCLEAR
1- 812 1-1523 2- 1 2- 167 2-1883
2-2202 3-1316 3-1468 3-1583 3-1708
3-2326
SODIUM NA 26
-- PROPERTIES NUCLEAR
3-1402
STRONTIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 466
-- PROPERTIES NUCLEAR
1- 117
STRONTIUM SR 87
-- FORMATION OF
3-1760
STRONTIUM SR 88
-- PROPERTIES NUCLEAR
2- 1 3-1476
STRONTIUM SR 89
-- CROSS SECTION NEUTRON
2-1967
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
1- 40 3- 488 3-1745 3-1754
STRONTIUM SR 90
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
1-1190 3- 489 3- 761 3- 877 3-1032
SULFUR
-- CROSS SECTION NEUTRON
1-1631 2-1393
-- PROPERTIES NUCLEAR
2- 846
-- RADIATION ABSORPTION BY
1-1001 2- 90 3-1237
-- RADIATION SCATTERING BY
2- 386
-- RADIATION STOPPING BY
2-1171
SULFUR ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 471 2-1213 3- 388 3-2225
-- PROPERTIES NUCLEAR
1-1700 3-1133 3-1402 3-1685 3-2272
SULFUR S-32
-- CROSS SECTION DEUTERON
2-1609
-- PROPERTIES NUCLEAR
1- 988 2-1404 2-1609 2-1968
SULFUR S-33
-- PROPERTIES NUCLEAR
1-1155 2-1609 3-1955
SULFUR S-35
-- FORMATION OF
1- 62 1- 469 3-1204 3-2139
-- PROPERTIES NUCLEAR
1- 3 1- 330 1-1181 1-1193 1-1233
1-1475 1-1699 2- 374 2- 627 2-1142
2-1213 3-1464 3-1955 3-2310
SULFUR S-36
-- FORMATION OF
1- 63

TANTALUM
-- CROSS SECTION NEUTRON
3- 764
-- PROPERTIES NUCLEAR
2-1438 2-2222 3-1605
-- RADIATION ABSORPTION BY
2- 373 3- 986
-- RADIATION STOPPING BY
2-1885
TANTALUM ISOTOPES
-- FORMATION OF
2-2220
-- PROPERTIES NUCLEAR
2- 638 2-2020 3-2253
TANTALUM TA-176
-- PROPERTIES NUCLEAR
1-1277
TANTALUM TA-177
-- PROPERTIES NUCLEAR
1-1277
TANTALUM TA-179
-- PROPERTIES NUCLEAR
1-1277
TANTALUM TA-181
-- CROSS SECTION NEUTRON
2-2143
-- PROPERTIES NUCLEAR
1- 107 1-1484 2- 287 2-1404 2-1972
3- 162 3- 881
TANTALUM TA-182
-- PROPERTIES NUCLEAR
1- 157 1- 885 3- 884
TECHNETIUM
-- ABUNDANCE AND DISTRIBUTION
3- 678
-- PROPERTIES NUCLEAR
1- 834
TECHNETIUM ISOTOPES
-- FORMATION OF
1- 519 1-1506
-- PROPERTIES NUCLEAR
1- 191 1- 305 1-1506 3- 495
TECHNETIUM TC-92
-- PROPERTIES NUCLEAR
1- 639
TECHNETIUM TC-93
-- PROPERTIES NUCLEAR
2- 839
TECHNETIUM TC-94
-- PROPERTIES NUCLEAR
1- 299
TECHNETIUM TC-95
-- PROPERTIES NUCLEAR
1- 299 1- 544 1-1479
TECHNETIUM TC-96
-- PROPERTIES NUCLEAR
1- 300 1-1479
TECHNETIUM TC-97
-- PROPERTIES NUCLEAR
1- 300 2-1686
TECHNETIUM TC-98
-- PROPERTIES NUCLEAR
1- 299
TELLURIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220 3-2223
-- PROPERTIES NUCLEAR
1- 158 3-1405
TELLURIUM TE 121
-- PROPERTIES NUCLEAR
2- 634
TELLURIUM TE 123
-- PROPERTIES NUCLEAR
3-2261
TELLURIUM TE 125
-- PROPERTIES NUCLEAR
1-1703 2- 991 2-1136 3-1317 3-1404
3-1469
TELLURIUM TE 127
-- PROPERTIES NUCLEAR
2- 848
TELLURIUM TE 128
-- PROPERTIES NUCLEAR
3-2013
TELLURIUM TE 130
-- PROPERTIES NUCLEAR
3-2013
TELLURIUM TE 131
-- CROSS SECTION NEUTRON
1- 136 2-1800
TELLURIUM TE 132
-- FORMATION OF
3-1265
-- PROPERTIES NUCLEAR
1-1359 2-1669
TERBIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1-1498
-- FORMATION OF
2-2220
-- PROPERTIES NUCLEAR
1- 854 2- 638 2-2209
TERBIUM TB-152
-- PROPERTIES NUCLEAR
1-1277
TERBIUM TB-153
-- PROPERTIES NUCLEAR
1-1277
TERBIUM TB-154
-- PROPERTIES NUCLEAR
1-1277
TERBIUM TB-155
-- PROPERTIES NUCLEAR
1-1277
TERBIUM TB-160
-- PROPERTIES NUCLEAR
1- 543
TERBIUM TB-161
-- PROPERTIES NUCLEAR
1- 543
THALLIUM
-- CROSS SECTION NEUTRON
2-1974 3-1575
-- RADIATION ABSORPTION BY
3- 986
THALLIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3-2220
-- PROPERTIES NUCLEAR
2-1383 3-2249
THALLIUM TL-198
-- PROPERTIES NUCLEAR
2-2028
THALLIUM TL-199
-- PROPERTIES NUCLEAR
2-2028
THALLIUM TL-200
-- PROPERTIES NUCLEAR
2-2028
THALLIUM TL-203
-- PROPERTIES NUCLEAR
2-1229 2-1399
THALLIUM TL-204
-- PROPERTIES NUCLEAR
3-2323
THALLIUM TL-205
-- ISOTOPIC SEPARATION
3-1388
-- PROPERTIES NUCLEAR
2-1229 2-1399 3-1397
THALLIUM TL-208
-- PROPERTIES NUCLEAR
2- 263 2- 550 2- 690 2-1143 2-1440
2-1827
THALLIUM TL-209
-- PROPERTIES NUCLEAR
1-1183 1-1316
THORIUM
-- ABUNDANCE AND DISTRIBUTION
3- 695
-- CROSS SECTION ALPHA
1- 301 1-1009
-- FISSION OF
2- 782 2-1097 3-2237
-- PROPERTIES NUCLEAR
1- 169 1- 304 1- 671 1- 835 1-1009
1-1063 1-1189 2- 205 2- 989 2-1041
2-1488
-- RADIATION ABSORPTION BY
2- 373
-- RADIATION STOPPING BY
2-1885
THORIUM ISOTOPES
-- PROPERTIES NUCLEAR
1-1930
THORIUM TH-226
-- PROPERTIES NUCLEAR
1-1189
THORIUM TH-227
-- PROPERTIES NUCLEAR
2-1436 3-1166
THORIUM TH-228
-- PROPERTIES NUCLEAR
3- 900
THORIUM TH-229
-- PROPERTIES NUCLEAR
1-1316 2-1036
THORIUM TH-230
-- FISSION OF
3-2244
-- PROPERTIES NUCLEAR
2- 630 2- 997 2- 998 2-1436 2-2194
3-1160 3-1166
THORIUM TH-231
-- PROPERTIES NUCLEAR
2- 892 3- 896
THORIUM TH-232
-- FISSION OF
2-1608 3- 142 3-1585 3-2244
-- PROPERTIES NUCLEAR
1-1864 2-1038 3-1165
-- SPALLATION OF
3-1752
THORIUM TH-234
-- PROPERTIES NUCLEAR
1-1185 2- 294 3- 896
THULIUM ISOTOPES
-- FORMATION OF
2-1014 2-2220 2-2222
-- PROPERTIES NUCLEAR
2- 638 2-1014 2-2222

THULIUM TM-165
-- PROPERTIES NUCLEAR
1-1277
THULIUM TM-167
-- PROPERTIES NUCLEAR
1-1277
THULIUM TM-168
-- PROPERTIES NUCLEAR
1-1277
THULIUM TM-169
-- PROPERTIES NUCLEAR
1-1484
THULIUM TM-170
-- PROPERTIES NUCLEAR
3- 880 3-1607 3-2016 3-2019 3-2023
3-2338
THULIUM TM-171
-- PROPERTIES NUCLEAR
1-1484
TIN
-- CROSS SECTION GAMMA
2-1166
-- CROSS SECTION NEUTRON
2- 777 3-2236
-- PROPERTIES NUCLEAR
2-1843 3-1750 3-1759
-- RADIATION ABSORPTION BY
1- 728 1-1374 2- 375 2-1166 3-1453
TIN ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
3- 761 3-2220
TIN SN-111
-- PROPERTIES NUCLEAR
3-1477
TIN SN-113
-- FORMATION OF
3-1659
-- PROPERTIES NUCLEAR
3-1659
TIN SN-114
-- FORMATION OF
3-1028
TIN SN-115
-- PROPERTIES NUCLEAR
1-1594 2-1612 3-1719
TIN SN-119
-- PROPERTIES NUCLEAR
3- 886 3-1397 3-1719
TIN SN-120
-- PROPERTIES NUCLEAR
3- 886 3-1750
TIN SN-121
-- FORMATION OF
3-1750 3-1759
-- PROPERTIES NUCLEAR
3-1603 3-1750 3-1759
TIN SN-122
-- PROPERTIES NUCLEAR
3-1661 3-1750
TIN SN-123
-- FORMATION OF
3-1750 3-1759
-- PROPERTIES NUCLEAR
3-1603 3-1750 3-1759
TIN SN-124
-- PROPERTIES NUCLEAR
2- 233 2-1137 3-1397 3-1661 3-1750
TIN SN-125
-- FORMATION OF
3-1759
-- PROPERTIES NUCLEAR
3-1759
TITANIUM
-- CROSS SECTION NEUTRON
2-1974
-- RADIATION SCATTERING BY
1- 985
TITANIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2-1751
TITANIUM TI-43
-- PROPERTIES NUCLEAR
1- 796
TITANIUM TI-45
-- FORMATION OF
3- 399
TITANIUM TI-46
-- PROPERTIES NUCLEAR
2- 1
TRITIUM
-- CROSS SECTION DEUTERON
1-1161
-- CROSS SECTION PROTON
1-1635 2-1615
-- FORMATION OF
1- 955 1- 978 2-1600 2-1813 2-1987
3-1260 3-1423
-- PROPERTIES NUCLEAR
1-1004 1-1011 1-1148 1-1168 1-1319
1-1476 1-1635 1-1720 1-1866 2- 204
2- 850 2- 968 2-1216 2-1228 2-1497
2-1615 2-1616 2-1688 2-1692 2-1826
2-1839 2-1842 2-1968 2-1981 2-2150
2-2151 2-2152 2-2195
TUNGSTEN
-- CROSS SECTION NEUTRON
1- 979
TUNGSTEN
-- FISSION OF
3-1975
-- PROPERTIES NUCLEAR
2- 687 2- 994 2-1438 3-1605
-- RADIATION STOPPING BY
2-1973
TUNGSTEN ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2-1015 2-2123 3-2220
-- FORMATION OF
3-1964
-- PROPERTIES NUCLEAR
2- 638 3-1964
TUNGSTEN W-185
-- PROPERTIES NUCLEAR
1- 837 1-1701 3-1474
TUNGSTEN W-186
-- CROSS SECTION NEUTRON
3-1945
-- RADIATION SCATTERING BY
3-1945
TUNGSTEN W-187
-- CROSS SECTION NEUTRON
1- 136 2-1800
-- PROPERTIES NUCLEAR
1- 837 2- 297 2- 995 2-1838

URANIUM
-- CROSS SECTION GAMMA
2-1166
-- CROSS SECTION NEUTRON
2- 777 3-2236
-- FISSION OF
1- 10 1- 11 1- 12 1- 51 1- 54
1- 111 1- 114 1- 115 1- 117 1- 132
1- 133 1- 178 1- 194 1- 203 1- 228
1- 277 1- 287 1- 304 1- 359 1- 430
1- 599 1- 601 1- 619 1- 651 1- 670
1- 671 1- 692 1- 725 1- 729 1- 730
1- 731 1- 882 1- 888 1- 889 1- 890
1- 891 1- 976 1-1230 1-1286 1-1293
1-1378 1-1379 1-1380 1-1381 1-1382
1-1383 1-1440 1-1525 1-1527 1-1632
1-1640 1-1756 1-1757 1-1759 1-1861
1-1963 1-1967 2- 20 2- 21 2- 168
2- 176 2- 317 2- 363 2- 391 2- 392
2- 393 2- 700 2- 848 2- 897 2-1000
2-1053 2-1054 2-1097 2-1129 2-1130
2-1145 2-1173 2-1174 2-1305 2-1310
2-1312 2-1313 2-1314 2-1315 2-1316
2-1318 2-1384 2-1502 2-1505 2-1520
2-1521 2-1528 2-1529 2-1530 2-1531
2-1532 2-1535 2-1537 2-1538 2-1539
2-1541 2-1602 2-1613 2-1659 2-1660
2-1665 2-1666 2-1670 2-1671 2-1674
2-1678 2-1679 2-1681 2-1682 2-1683
2-1706 2-1707 2-1708 2-1709 2-1710
2-1711 2-1713 2-1714 2-1715 2-1739
2-1879 2-1880 2-1881 2-1886 2-1989
2-2020 2-2067 2-2075 2-2092 3- 438
3- 501 3-1129 3-1134 3-1252 3-1253
3-1265 3-1275 3-1953 3-1954 3-1962
3-2245
-- PROPERTIES NUCLEAR
2-2241 3- 680 3-2315
-- RADIATION ABSORPTION BY
1- 729 2-1166
URANIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 922 2-2073 3- 684
URANIUM U 229
-- FORMATION OF
2-1614
-- PROPERTIES NUCLEAR
2-1144 2-1614
URANIUM U 230
-- FORMATION OF
2-1614
-- PROPERTIES NUCLEAR
1-1189 2-1614
URANIUM U 231
-- FORMATION OF
2-1614
-- PROPERTIES NUCLEAR
2-1614
URANIUM U 232
-- FORMATION OF
1- 301 2-1041 2-1488 2-1614
-- PROPERTIES NUCLEAR
2-1488 2-1614
URANIUM U 233
-- CROSS SECTION ALPHA
1-1229
-- FISSION OF
2-1866 3-1585 3-2244
-- FORMATION OF
1- 731
-- PROPERTIES NUCLEAR
1-1229 1-1316 2-1036 2-1038 2-2059
URANIUM U 234
-- ANALYSIS RADIOMETRIC
2-2243
-- PROPERTIES NUCLEAR
2- 679 3-2331

URANIUM U 235
-- ANALYSIS RADIOMETRIC
1-1643
-- CROSS SECTION NEUTRON
3-1399
-- FISSION OF
1- 168 1- 493 1- 791 1-1293 1-1632
2- 171 2- 392 2- 936 2-1866 2-2148
3- 142 3- 403 3- 759 3-1399 3-1585
3-2244 3-2246
-- FORMATION OF
1- 731
-- PROPERTIES NUCLEAR
1-1514 2-1489 2-2061 3-1165 3-2331
URANIUM U 237
-- FORMATION OF
1-1732 2-1489 2-2241 3-1131
-- ISOTOPIC SEPARATION
1-1372 2- 354
-- PROPERTIES NUCLEAR
1-1372 2-2242
URANIUM U 238
-- CROSS SECTION NEUTRON
3- 759
-- FISSION OF
1-1864 2-1037 2-1608 2-1739 3- 142
3-1585 3-2244
-- PROPERTIES NUCLEAR
1- 206 1- 879 1-1066 2-1470 2-1489
3-1131 3-1165 3-1912 3-2331
URANIUM U 239
-- ISOTOPIC SEPARATION
2- 354

VANADIUM V-47
-- PROPERTIES NUCLEAR
3- 899
VANADIUM V-48
-- PROPERTIES NUCLEAR
2-2202
VANADIUM V-51
-- PROPERTIES NUCLEAR
3- 399
VANADIUM V-52
-- PROPERTIES NUCLEAR
3-1474

XENON
-- RADIATION SCATTERING BY
3- 989
XENON ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2- 922 3-1936 3-2013
-- PROPERTIES NUCLEAR
1- 114
XENON XE-131
-- FORMATION OF
2-1402 2-1599
-- PROPERTIES NUCLEAR
2- 288 2-1303 2-1667
XENON XE-133
-- PROPERTIES NUCLEAR
2-1271
XENON XE-135
-- FORMATION OF
2-1989
-- PROPERTIES NUCLEAR
2-1670 2-1672
XENON XE-137
-- PROPERTIES NUCLEAR
2- 533

YTTERBIUM
-- PROPERTIES NUCLEAR
2-2141
-- RADIATION ABSORPTION BY
1-1484
YTTERBIUM ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
2-1148
-- FORMATION OF
3-1964
-- PROPERTIES NUCLEAR
2-2141 3-1964
YTTERBIUM YB 169
-- PROPERTIES NUCLEAR
3-1032
YTTRIUM
-- PROPERTIES NUCLEAR
3- 304

YTTRIUM ISOTOPES
-- PROPERTIES NUCLEAR
1- 117 1-1359
YTTRIUM Y 88
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
2- 1
YTTRIUM Y 90
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
1-1190 3- 489 3- 877 3-1032 3-1745
3-1754
YTTRIUM Y 91
-- ISOTOPIC SEPARATION
1-1282
-- PROPERTIES NUCLEAR
2-2043 3-1470 3-1743 3-1745 3-1746
3-1754
YTTRIUM Y 93
-- PROPERTIES NUCLEAR
3-1248
YTTRIUM Y 94
-- PROPERTIES NUCLEAR
2-1129 2-1130
YTTRIUM Y 95
-- PROPERTIES NUCLEAR
3-1248

ZINC
-- CROSS SECTION NEUTRON
2- 777 2-1974
-- PROPERTIES NUCLEAR
2- 299
ZINC ISOTOPES
-- ABUNDANCE AND DISTRIBUTION
1- 956 2- 151 2- 757 3-2220
-- FORMATION OF
1- 470 3-1394
-- PROPERTIES NUCLEAR
1- 468
ZINC ZN-62
-- PROPERTIES NUCLEAR
1-1008 1-1014
ZINC ZN-64
-- CROSS SECTION NEUTRON
3-1136
-- PROPERTIES NUCLEAR
3-1397
ZINC ZN-65
-- ANALYSIS RADIOMETRIC
3-2302
-- PROPERTIES NUCLEAR
1-1150 2- 181 2-1245 3-1479 3-2325
ZINC ZN-67
-- PROPERTIES NUCLEAR
3-2256
ZINC ZN-69
-- PROPERTIES NUCLEAR
1- 143
ZINC ZN-70
-- PROPERTIES NUCLEAR
3-1397
ZIRCONIUM
-- CROSS SECTION NEUTRON
3- 764
-- PROPERTIES NUCLEAR
3- 879
-- RADIATION ABSORPTION BY
3- 986
ZIRCONIUM ISOTOPES
-- CROSS SECTION NEUTRON
2-1385
-- PROPERTIES NUCLEAR
2-1129 3- 759
ZIRCONIUM ZR 89
-- FORMATION OF
2-1617
ZIRCONIUM ZR 90
-- PROPERTIES NUCLEAR
2-1617 3-1397
ZIRCONIUM ZR 91
-- PROPERTIES NUCLEAR
3-1397 3-1960
ZIRCONIUM ZR 95
-- PROPERTIES NUCLEAR
1- 331
ZIRCONIUM ZR 97
-- FORMATION OF
3-1265

CUMULATIVE FOREIGN GEOGRAPHIC INDEX

For each reference the digit preceding the dash is the volume number and digits after the dash are the abstract number.

ARGENTINA
1- 39 1- 169 1-1331 1-1461 1-1494
2- 82 2- 367 2- 870 2- 856 3- 320
AUSTPALIA
1- 183 1- 340 1- 487 1-1104 1-1416
1-1428 1-1456 1-1748 1-1803 1-1844
2- 88 2- 170 2- 389 2- 517 2- 645
2- 684 2- 728 2- 763 2- 766 2- 792
2- 861 2-1495 2-1750 2-1765 2-1815
2-2170 2-2171 3- 87 3- 323 3-1359
3-1574 3-1586 3-1854 3-1856 3-1889
3-1911 3-2009 3-2082
AUSTRIA
1- 77 1- 441 1- 515 1- 627 1- 737
1-1020 1-1438 1-1605 2- 599 2-1747
2-1982 2-1986 2-2070 2-2159 2-2206
3- 35 3- 164 3- 181 3-1542 3-1705
3-2004 3-2052
BELGIUM
1- 574 1- 575 1- 667 1- 861 1-1968
2- 694 2-1214 2-1325 2-2022 2-2053
3- 204 3- 290 3- 292 3- 361 3- 376
3- 600 3- 872 3-1335 3-1532 3-2032
3-2167
BRAZIL
1- 131 1- 790 1-1290 1-1403 1-1423
1-1468 1-1518 1-1690 2- 66 2- 452
2-1049 2-1123 2-1963 2-1565 3- 987
3-1120 3-1288 3-1492 3-1610 3-1692
3-2360
CANADA
1- 54 1- 62 1- 63 1- 66 1- 84
1- 86 1- 103 1- 120 1- 130 1- 135
1- 168 1- 193 1- 196 1- 197 1- 198
1- 207 1- 208 1- 209 1- 233 1- 254
1- 273 1- 277 1- 473 1- 560 1- 570
1- 571 1- 579 1- 582 1- 591 1- 662
1- 882 1-1013 1-1058 1-1126 1-1278
1-1283 1-1300 1-1301 1-1306 1-1321
1-1322 1-1383 1-1421 1-1463 1-1595
1-1828 1-1837 1-1930 1-1961 2- 63
2- 175 2- 189 2- 241 2- 261 2- 276
2- 305 2- 460 2- 518 2- 546 2- 582
2- 627 2- 629 2- 905 2-1012 2-1078
2-1106 2-1132 2-1133 2-1192 2-1271
2-1274 2-1361 2-1369 2-1461 2-1599
2-1602 2-1695 2-1700 2-1746 2-1748
2-1811 2-1826 2-1839 2-1866 2-2008
2-2146 2-2189 2-2217 2-2235 3- 53
3- 388 3- 430 3- 451 3- 455 3- 466
3- 494 3- 497 3- 520 3- 573 3- 610
3- 642 3- 757 3- 777 3- 813 3-1111
3-1185 3-1204 3-1219 3-1314 3-1355
3-1371 3-1406 3-1408 3-1423 3-1444
3-1472 3-1544 3-1578 3-1633 3-1694
3-1707 3-1803 3-1804 3-1909 3-1972
3-2000 3-2056 3-2125 3-2129 3-2225
3-2330
CHILE
3-1182
CHINA
1-1741 1-1969 2- 91 2- 274 2- 682
2- 922 2-1785 3- 291
CUBA
3-1843
CZECHOSLOVAKIA
1- 319 1- 527 2- 752 2-1425 3- 22
3- 256 3- 543
DENMARK
1- 4 1- 112 1- 596 1-1138 1-1234
1-1339 1-1340 1-1424 2- 173 2- 293
2- 382 2- 626 2- 705 2- 706 2-1600
2-1683 2-2227 3- 169 3- 265 3- 598
3-1137 3-1220 3-1315 3-2247 3-2364
EGYPT
2- 822
EIRE
1- 285 1-1002 1-1005 1-1514 2- 357
2- 483 2- 539 2- 820 2-1224 2-1276
2-1764 2-2191 3- 743 3- 738 3- 855
3- 865 3-1616 3-1710 3-1954 3-2340
3-2341
FINLAND
1- 415 3- 985 3-1011 3-2222
FRANCE
1- 10 1- 21 1- 57 1- 67 1- 145
1- 150 1- 154 1- 155 1- 169 1- 202
FRANCE
1- 302 1- 303 1- 334 1- 342 1- 345
1- 350 1- 359 1- 365 1- 490 1- 505
1- 512 1- 557 1- 598 1- 665 1- 686
1- 690 1- 694 1- 727 1- 738 1- 742
1- 746 1- 755 1- 756 1- 767 1- 836
1- 844 1- 850 1- 921 1- 925 1- 970
1-1021 1-1025 1-1046 1-1090 1-1105
1-1151 1-1285 1-1289 1-1335 1-1336
1-1337 1-1338 1-1392 1-1436 1-1487
1-1488 1-1490 1-1511 1-1670 1-1678
1-1682 1-1692 1-1694 1-1791 1-1801
1-1855 1-1913 1-1940 1-1942 2- 9
2- 40 2- 61 2- 103 2- 104 2- 300
2- 348 2- 358 2- 359 2- 405 2- 422
2- 425 2- 441 2- 443 2- 444 2- 450
2- 454 2- 458 2- 463 2- 580 2- 589
2- 601 2- 602 2- 628 2- 630 2- 636
2- 651 2- 681 2- 671 2- 680 2- 681
2- 683 2- 720 2- 734 2- 735 2- 737
2- 739 2- 744 2- 745 2- 770 2- 784
2- 806 2- 826 2- 832 2- 834 2- 843
2- 848 2- 861 2- 886 2- 890 2- 911
2- 944 2- 966 2- 972 2- 997 2- 998
2-1042 2-1128 2-1138 2-1163 2-1259
2-1313 2-1314 2-1315 2-1316 2-1317
2-1318 2-1339 2-1412 2-1493 2-1642
2-1648 2-1652 2-1769 2-1776 2-1778
2-1833 2-1857 2-1921 2-1941 2-1992
2-2006 2-2055 2-2064 2-2156 2-2172
2-2173 2-2178 2-2203 2-2214 2-2223
2-2244 3- 7 3- 42 3- 102 3- 128
3- 140 3- 156 3- 165 3- 168 3- 184
3- 187 3- 225 3- 226 3- 227 3- 242
3- 249 3- 257 3- 308 3- 314 3- 319
3- 325 3- 352 3- 355 3- 366 3- 367
3- 372 3- 390 3- 401 3- 402 3- 433
3- 434 3- 436 3- 477 3- 492 3- 495
3- 537 3- 559 3- 577 3- 641 3- 651
3- 663 3- 722 3- 775 3- 831 3- 836
3- 844 3- 858 3- 859 3- 893 3- 897
3- 900 3- 924 3- 947 3-1020 3-1030
3-1087 3-1092 3-1121 3-1122 3-1148
3-1154 3-1159 3-1166 3-1167 3-1184
3-1248 3-1265 3-1301 3-1305 3-1307
3-1373 3-1485 3-1493 3-1512 3-1517
3-1524 3-1529 3-1530 3-1531 3-1535
3-1540 3-1543 3-1566 3-1596 3-1611
3-1613 3-1615 3-1617 3-1620 3-1649
3-1664 3-1670 3-1679 3-1703 3-1704
3-1724 3-1736 3-1756 3-1762 3-1775
3-1801 3-1849 3-1858 3-1913 3-1953
3-2001 3-2040 3-2045 3-2050 3-2051
3-2057 3-2059 3-2068 3-2069 3-2085
3-2088 3-2096 3-2107 3-2111 3-2115
3-2135 3-2152 3-2161 3-2162 3-2165
3-2166 3-2137 3-2184 3-2185 3-2209
3-2228 3-2232 3-2269 3-2278 3-2306
3-2313 3-2336 3-2356
GERMANY
1- 19 1- 33 1- 47 1- 101 1- 114
1- 117 1- 165 1- 181 1- 203 1- 225
1- 283 1- 290 1- 291 1- 321 1- 333
1- 391 1- 399 1- 430 1- 449 1- 467
1- 476 1- 477 1- 498 1- 577 1- 674
1- 735 1- 745 1- 920 1- 928 1- 971
1-1044 1-1049 1-1068 1-1128 1-1159
1-1230 1-1344 1-1376 1-1455 1-1464
1-1627 1-1852 1-1898 2- 78 2- 112
2- 113 2- 121 2- 155 2- 258 2- 270
2- 290 2- 400 2- 506 2- 547 2- 548
2- 588 2- 741 2- 811 2- 874 2- 894
2- 914 2- 934 2- 935 2- 930 2- 939
2- 940 2- 949 2- 970 2- 980 2-1001
2-1015 2-1250 2-1422 2-1606 2-1651
2-1804 2-1907 2-2016 2-2073 2-2092
2-2127 2-2129 2-2143 3- 34 3- 51
3- 100 3- 139 3- 192 3- 244 3- 255
3- 268 3- 269 3- 438 3- 156 3- 474
3- 509 3- 510 3- 511 3- 517 3- 548
3- 556 3- 564 3- 678 3- 828 3- 835
3- 842 3- 870 3- 883 3- 969 3- 993
3-1062 3-1067 3-1078 3-1169 3-1520
3-1522 3-1528 3-1576 3-1579 3-1609
3-1618 3-1619 3-1627 3-1682 3-1696
3-1709 3-1733 3-1740 3-1760 3-1761
3-1784 3-1789 3-1876 3-1921 3-1951
3-1952 3-1978 3-1985 3-1993 3-1997
3-2006 3-2036 3-2109 3-2151 3-2153
3-2255 3-2263 3-2285 3-2303 3-2353
3-2357 3-2359 3-2365 3-2369

GREAT BRITAIN
1- 20 1- 22 1- 29 1- 68 1- 70
1- 83 1- 111 1- 123 1- 125 1- 127
1- 156 1- 161 1- 167 1- 172 1- 178
1- 234 1- 239 1- 240 1- 242 1- 263
1- 267 1- 270 1- 274 1- 293 1- 323
1- 339 1- 341 1- 347 1- 349 1- 356
1- 395 1- 401 1- 402 1- 432 1- 437
1- 450 1- 493 1- 534 1- 561 1- 595
1- 599 1- 603 1- 623 1- 624 1- 634
1- 637 1- 639 1- 657 1- 662 1- 675
1- 681 1- 717 1- 740 1- 744 1- 779
1- 799 1- 808 1- 809 1- 813 1- 829
1- 830 1- 839 1- 843 1- 858 1- 861
1- 865 1- 937 1- 950 1- 986 1- 997
1-1012 1-1037 1-1053 1-1103 1-1116
1-1133 1-1143 1-1179 1-1194 1-1200
1-1209 1-1242 1-1299 1-1304 1-1357
1-1373 1-1405 1-1413 1-1417 1-1422
1-1443 1-1446 1-1447 1-1448 1-1450
1-1451 1-1489 1-1495 1-1497 1-1516
1-1521 1-1537 1-1538 1-1575 1-1584
1-1588 1-1615 1-1675 1-1702 1-1707
1-1711 1-1713 1-1718 1-1734 1-1747
1-1751 1-1777 1-1778 1-1784 1-1810
1-1823 1-1917 1-1928 1-1945 1-1972
2- 2 2- 10 2- 11 2- 14 2- 32
2- 33 2- 92 2- 110 2- 122 2- 128
2- 129 2- 130 2- 131 2- 135 2- 196
2- 234 2- 240 2- 245 2- 259 2- 265
2- 267 2- 279 2- 283 2- 287 2- 307
2- 308 2- 310 2- 311 2- 312 2- 319
2- 343 2- 366 2- 374 2- 381 2- 392
2- 394 2- 413 2- 449 2- 464 2- 474
2- 481 2- 501 2- 509 2- 536 2- 540
2- 543 2- 549 2- 550 2- 557 2- 558
2- 577 2- 584 2- 585 2- 598 2- 603
2- 606 2- 607 2- 611 2- 612 2- 615
2- 623 2- 625 2- 650 2- 668 2- 691
2- 702 2- 711 2- 722 2- 724 2- 727
2- 729 2- 731 2- 733 2- 738 2- 742
2- 751 2- 767 2- 768 2- 776 2- 779
2- 781 2- 785 2- 805 2- 814 2- 819
2- 829 2- 841 2- 862 2- 875 2- 895
2- 922 2- 926 2- 931 2- 946 2- 951
2- 967 2- 968 2- 969 2- 971 2- 974
2- 976 2- 985 2-1006 2-1008 2-1009
2-1044 2-1047 2-1058 2-1080 2-1090
2-1091 2-1105 2-1110 2-1115 2-1116
2-1117 2-1146 2-1187 2-1195 2-1210
2-1223 2-1239 2-1240 2-1251 2-1253
2-1254 2-1258 2-1279 2-1280 2-1297
2-1299 2-1368 2-1395 2-1400 2-1418
2-1421 2-1426 2-1427 2-1430 2-1440
2-1453 2-1496 2-1549 2-1560 2-1562
2-1576 2-1578 2-1579 2-1580 2-1607
2-1629 2-1646 2-1647 2-1654 2-1697
2-1689 2-1731 2-1767 2-1770 2-1773
2-1777 2-1791 2-1800 2-1806 2-1816
2-1824 2-1831 2-1845 2-1861 2-1899
2-2013 2-2017 2-2030 2-2035 2-2054
2-2069 2-2072 2-2088 2-2105 2-2120
2-2121 2-2122 2-2131 2-2140 2-2157
2-2158 2-2162 2-2168 2-2175 2-2177
2-2179 2-2182 2-2192 2-2209 2-2211
2-2212 2-2221 2-2231 2-2238 3- 1
3- 27 3- 28 3- 40 3- 47 3- 57
3- 58 3- 67 3- 89 3- 119 3- 120
3- 126 3- 133 3- 147 3- 162 3- 163
3- 250 3- 258 3- 260 3- 270 3- 276
3- 289 3- 304 3- 305 3- 306 3- 307
3- 329 3- 336 3- 363 3- 364 3- 371
3- 379 3- 383 3- 389 3- 397 3- 406
3- 411 3- 419 3- 440 3- 446 3- 447
3- 449 3- 450 3- 459 3- 464 3- 468
3- 475 3- 482 3- 486 3- 490 3- 491
3- 498 3- 501 3- 512 3- 516 3- 533
3- 552 3- 581 3- 584 3- 585 3- 586
3- 587 3- 616 3- 618 3- 619 3- 623
3- 624 3- 625 3- 646 3- 652 3- 702
3- 714 3- 729 3- 732 3- 733 3- 744
3- 755 3- 772 3- 790 3- 791 3- 792
3- 805 3- 806 3- 832 3- 833 3- 856
3- 857 3- 864 3- 866 3- 869 3- 880
3- 881 3- 889 3- 902 3- 914 3- 931
3- 932 3- 939 3- 956 3- 959 3- 962
3- 975 3- 976 3- 978 3- 979 3-1003
3-1012 3-1022 3-1039 3-1068 3-1105
3-1139 3-1140 3-1170 3-1181 3-1192
3-1215 3-1222 3-1225 3-1231 3-1238
3-1262 3-1275 3-1295 3-1303 3-1329
3-1348 3-1367 3-1369 3-1375 3-1379
3-1383 3-1385 3-1387 3-1398 3-1412
3-1413 3-1414 3-1416 3-1420 3-1422
3-1435 3-1439 3-1443 3-1443 3-1449
3-1450 3-1458 3-1468 3-1482 3-1483
3-1484 3-1489 3-1491 3-1496 3-1521
3-1539 3-1572 3-1590 3-1607 3-1612
3-1614 3-1640 3-1718 3-1755 3-1764
3-1777 3-1802 3-1827 3-1844 3-1846
3-1851 3-1855 3-1862 3-1863 3-1864
3-1873 3-1900 3-1932 3-1934 3-1959
3-1966 3-1968 3-1970 3-1998 3-2002
3-2005 3-2021 3-2023 3-2028 3-2049
3-2062 3-2064 3-2065 3-2077 3-2103
3-2104 3-2130 3-2139 3-2164 3-2181
3-2195 3-2201 3-2202 3-2204 3-2239

GREAT BRITAIN
3-2272 3-2273 3-2284 3-2304 3-2309
3-2310 3-2326 3-2327 3-2328 3-2333
3-2347 3-2348 3-2371 3-2372

HUNGARY
1- 32 1-1458 1-1630 1-1651 1-1652
1-1894 1-1900 2- 102 2- 461 2- 559
2- 710 2-1382 2-1980 3-1209 3-2368

INDIA
1- 9 1- 69 1- 74 1- 79 1- 138
1- 262 1- 284 1- 292 1- 297 1- 298
1- 330 1- 440 1- 807 1- 811 1- 856
1- 881 1- 886 1- 924 1-1048 1-1074
1-1158 1-1334 1-1524 1-1684 2- 3
2- 96 2- 199 2- 351 2- 386 2- 533
2- 624 2- 649 2- 662 2- 774 2- 787
2- 830 2-1273 2-1454 2-1796 2-2041
2-2198 2-2204 3- 49 3- 265 3- 471
3- 472 3- 742 3- 861 3- 896 3-1016
3-1031 3-1399 3-1445 3-1452 3-1773
3-2037 3-2198

ISRAEL
1- 739 2- 329 3-1770

ITALY
1- 45 1- 166 1- 186 1- 192 1- 445
1- 516 1- 524 1- 535 1- 564 1- 621
1- 640 1- 695 1- 732 1-1132 1-1394
1-1401 2- 65 2- 360 2- 440 2- 516
2- 773 2-1196 2-1310 2-1347 2-1348
2-1352 2-1357 2-1362 2-1398 2-1428
2-1432 2-1566 2-1627 2-1902 2-1906
2-1912 2-2164 3- 30 3- 997 3-1526
3-1564 3-1575 3-1600 3-1622 3-1643
3-1648 3-1693 3-1831 3-1832 3-1895
3-1919 3-1920 3-1923 3-1926 3-1927
3-1992 3-2034 3-2074 3-2083 3-2084
3-2105 3-2106 3-2199 3-2206 3-2208
3-2354

JAPAN
1-1026 1-1513 1-1614 2- 145 2- 326
2- 423 2- 608 2- 757 2-1119 2-1917
2-1985 2-2187 3- 360 3- 362 3- 365
3- 725 3- 812 3-1247 3-1306 3-1309
3-1410 3-1590 3-1691 3-2205 3-2210
3-2211 3-2264 3-2318 3-2345

MEXICO
2- 451 2- 828 3-1687

NETHERLANDS
1- 8 1- 104 1- 105 1- 106 1- 128
1- 143 1- 188 1- 200 1- 517 1- 563
1- 567 1- 810 1- 859 1-1192 1-1572
1-1596 1-1875 2- 174 2- 251 2- 252
2- 275 2- 730 2- 736 2- 791 2- 833
2- 981 2-1056 2-1168 2-1200 2-1261
2-1303 2-1363 2-1365 2-1581 2-1733
2-1771 2-1844 2-1904 2-2018 2-2213
2-2215 3- 127 3- 815 3- 974 3-1188
3-1722 3-1878 3-1898 3-1897 3-1958
3-1994 3-2003 3-2172 3-2258 3-2315
3-2355

NEW ZEALAND
2- 867 3- 604 3-1243

NORWAY
1- 295 1- 513 1- 724 1-1075 2-1959
3- 50 3- 562 3-1187

PERU
1- 179 3- 179

POLAND
1- 185 1- 439 3- 478 3-1525 3-1771
3-1779 3-1780 3-1961 3-2358 3-2366

PORTUGAL
3-1980

RUMANIA
3-1774

RUSSIA
1- 55 1- 65 1- 72 1- 97 1- 116
1- 163 1- 182 1- 184 1- 220 1- 221
1- 222 1- 251 1- 261 1- 275 1- 289
1- 308 1- 314 1- 343 1- 397 1- 443
1- 518 1- 529 1- 616 1- 622 1- 630
1- 631 1- 635 1- 649 1- 669 1- 678
1- 685 1- 709 1- 725 1- 786 1- 801
1- 802 1- 805 1-1520 1-1560 1-1562
1-1563 1-1564 1-1565 1-1566 1-1569
1-1573 1-1574 1-1576 1-1577 1-1578
1-1579 1-1580 1-1581 1-1582 1-1583
1-1608 1-1616 1-1639 1-1641 1-1642
1-1653 1-1658 1-1659 1-1666 1-1671
1-1672 1-1673 1-1676 1-1679 1-1680
1-1685 1-1686 1-1689 1-1691 1-1693
1-1783 1-1793 1-1808 1-1908 1-1912
2- 5 2- 12 2- 64 2- 67 2- 71
2- 98 2- 117 2- 238 2- 264 2- 384
2- 390 2- 436 2- 442 2- 448 2- 465
2- 467 2- 535 2- 654 2- 660 2- 690
2- 692 2- 790 2- 818 2- 825 2- 827
2- 850 2-1039 2-1050 2-1064 2-1067
2-1071 2-1072 2-1073 2-1081 2-1100
2-1108 2-1120 2-1172 2-1191 2-1194
2-1197 2-1199 2-1201 2-1202 2-1203

RUSSIA
2-1204 2-1205 2-1216 2-1232 2-1308
2-1312 2-1349 2-1350 2-1353 2-1354
2-1359 2-1360 2-1366 2-1424 2-1431
2-1499 2-1550 2-1555 2-1556 2-1557
2-1558 2-1559 2-1720 2-1745 2-1812
2-1817 2-1818 2-1820 2-1827 2-1841
2-1849 2-1896 2-1898 2-1911 2-1914
2-1956 3- 124 3- 357 3- 358 3- 410
3- 667 3- 675 3- 676 3- 860 3- 863
3- 894 3- 958 3- 973 3- 974 3- 977
3- 980 3- 986 3- 989 3- 994 3-1023
3-1029 3-1157 3-1158 3-1300 3-1302
3-1567 3-1569 3-1588 3-1653 3-1685
3-1686 3-1688 3-1689 3-1697 3-1698
3-1699 3-1700 3-1702 3-1706 3-1730
3-1753 3-1757 3-1766 3-1786 3-1937
3-1982 3-1983 3-2027 3-2144 3-2267
3-2361 3-2363

SOUTH AFRICA
1- 272 1-1047 1-1050 1-1377 2- 29
3-1372 3-1451 3-1931

SPAIN
1-1288 2- 719 2- 798 3- 55 3-1334

SWEDEN
1- 5 1- 245 1- 296 1- 329 1- 408
1- 494 1- 542 1- 863 1- 874 1-1034
1-1172 1-1235 1-1295 1-1372 1-1410
1-1481 1-1740 1-1769 1-1812 1-1822
1-1882 1-1883 1-1916 1-1918 1-1947
1-1953 1-1954 2- 154 2- 156 2- 163
2- 178 2- 227 2- 239 2- 276 2- 286
2- 297 2- 502 2- 583 2- 871 2-1040

SWEDEN
2-1063 2-1268 2-1805 2-1851 2-1865
2-2026 2-2051 2-2063 2-2066 2-2186
2-2208 2-2229 2-2245 3- 14 3- 41
3- 70 3- 177 3- 248 3- 439 3- 448
3- 513 3- 695 3- 741 3-1071 3-1213
3-1249 3-1312 3-1629 3-1805 3-1847
3-1861 3-1936 3-2022 3-2163 3-2171
3-2241 3-2253 3-2274 3-2334 3-2339

SWITZERLAND
1- 98 1- 259 1- 318 1- 366 1- 412
1- 413 1- 422 1- 499 1- 531 1- 541
1- 546 1- 576 1- 653 1- 658 1- 664
1- 842 1- 871 1- 988 1-1127 1-1129
1-1261 1-1274 1-1279 1-1294 1-1297
1-1308 1-1313 1-1477 1-1478 1-1479
1-1483 1-1506 1-1643 1-1683 1-1886
2- 260 2- 395 2- 426 2- 574 2- 775
2- 921 2- 979 2- 982 2-1017 2-1155
2-1238 2-1543 2-1787 2-1850 2-1960
3- 37 3- 97 3- 493 3- 532 3- 564
3- 887 3- 988 3- 996 3-1014 3-1017
3-1028 3-1074 3-1523 3-1772 3-1938
3-2256 3-2331 3-2362

TURKEY
1-1877 2-2176 3-1013

URUGUAY
1- 677 3-1061 3-1065

YUGOSLAVIA
3- 33 3-1518

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

The specific subject fields which Nuclear Science Abstracts covers are outlined in the cumulative table of contents for volume 3 which is found at the beginning of this index issue. Coverage within each category is limited to those phases which are pertinent to the research work being carried on by the United States Atomic Energy Commission and its contractors. The following technical and scientific periodicals are regularly searched, and the pertinent material abstracted for inclusion in Nuclear Science Abstracts.

ABBREVIATION	JOURNAL
Abstracts World Med.	Abstracts of World Medicine
Acta Chem. Scand.	Acta Chemica Scandinavica
Acta Cryst.	Acta Crystallographica
Acta Math.	Acta Mathematica
Acta Med. Scand.	Acta Medica Scandinavica
Acta Ophthalmol.	Acta Ophthalmologica
Acta Orthopaed. Scand.	Acta Orthopaedica Scandinavica
Acta Oto-Laryngol.	Acta Oto-Laryngologica
Acta Paediat.	Acta Paediatrica
Acta Path. Microbiol. Scand.	Acta Pathologica et Microbiologica Scandinavica
Acta Pharmacol. Toxicol.	Acta Pharmacologica et Toxicologica
Acta Phys. Aust.	Acta Physica Austriaca
Acta Phys. Polon.	Acta Physica Polonica
Acta Physicochim. U.R.S.S.	Acta Physicochimica U.R.S.S.
Acta Physiol. Scand.	Acta Physiologica Scandinavica
Acta Radiol.	Acta Radiologica
Advances in Enzymol.	Advances in Enzymology
Aerotecnica	Aerotecnica
Agr. Chemicals	Agricultural Chemicals
Agr. Eng.	Agricultural Engineering
Air Trails	Air Trails
Aircraft Eng.	Aircraft Engineering
Aircraft Prod.	Aircraft Production
Aluminium and Non-Ferrous Rev.	Aluminium and the Non-Ferrous Review
Aluminum Lab. Abstract Bull.	Aluminum Laboratories Abstract Bulletin
Am. Engr.	American Engineer
Am. Foundryman	American Foundryman
Am. Gas J.	American Gas Journal
Am. Heart J.	American Heart Journal
Am. Ind. Hyg. Assoc. Quart.	American Industrial Hygiene Association Quarterly
Am. J. Anat.	American Journal of Anatomy
Am. J. Botany	American Journal of Botany
Am. J. Clin. Path.	American Journal of Clinical Pathology
Am. J. Digestive Diseases	American Journal of Digestive Diseases
Am. J. Hyg.	American Journal of Hygiene
Am. J. Med.	American Journal of Medicine
Am. J. Med. Sci.	American Journal of Medical Sciences

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Am. J. Med. Technol.	American Journal of Medical Technology
Am. J. Obstet. Gynecol.	American Journal of Obstetrics and Gynecology
Am. J. Ophthalmology	American Journal of Ophthalmology
Am. J. Orthodontics Oral Surg.	American Journal of Orthodontics and Oral Surgery
Am. J. Path.	American Journal of Pathology
Am. J. Pharm.	American Journal of Pharmacy
Am. J. Pharm. Ed.	American Journal of Pharmaceutical Education
Am. J. Phys.	American Journal of Physics
Am. J. Physiol.	American Journal of Physiology
Am. J. Pub. Health	American Journal of Public Health
Am. J. Roentgenol. Radium Therapy	American Journal of Roentgenology and Radium Therapy
Am. J. Sci.	American Journal of Science
Am. J. Trop. Med.	American Journal of Tropical Medicine
Am. J. Vet. Research	American Journal of Veterinary Research
Am. Math. Monthly	American Mathematical Monthly
Am. Mineral.	American Mineralogist
Am. Petroleum Inst. Quart.	American Petroleum Institute Quarterly
Am. Practitioner	American Practitioner
Am. Rev. Soviet Med.	American Review of Soviet Medicine
Am. Rev. Tuberc.	American Review of Tuberculosis
Am. Scientist	American Scientist
Anais acad. brasil. cienc.	Anais da academia brasileira de ciencias
Anais Paulistas Med. e Circurgia	Anais Paulistas de Medicine e Circurgia
Anales asoc. quim. argentina	Anales de la asociacion quimica argentina
Anales Facultad Med. Montevideo	Anales de la Facultad de Medicina de Montevideo
Anales soc. cient. argentina	Anales de la sociedad cientifica argentina
Anales soc. espan. fis. y quim.	Anales de la sociedad espanola de fisica y quimica
Analyst	Analyst, The
Anal. Chem.	Analytical Chemistry
Analyt. Chim. Acta	Analytica Chimica Acta
Anat. Record	Anatomical Record
Angew. Chem.	Angewandte Chemie
Ann. Acad. Sci. Fennicae	Annales Academiae Scientiarum Fennicae
Ann. Allergy	Annals of Allergy
Ann. Applied Biol.	Annals of Applied Biology
Ann. Botany	Annals of Botany
Ann. Chem., Justus Liebigs	Annalen der Chemie, Justus Liebigs
Ann. chim. applicata	Annali di chimica applicata
Ann. chim.	Annales de Chimie
Ann. dermatol. syphili.	Annales de dermatalogie et syphiligraphie
Ann. Entomol. Soc. Am.	Annals of the Entomological Society of America
Ann. geofisica	Annali geofisica
Ann. Geophys. Strasbourg Universite, Faculte des Sciences, Institut de Phys. du Globe	Annales de Geophysique, Strasbourg Universite, Faculte de Sciences, Institut de Physique du Globe
Ann. Internal Med.	Annals of Internal Medicine

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Ann. N. Y. Acad. Sci.	Annals of the New York Academy of Sciences
Ann. Otol., Rhinol. & Laryngol.	Annals of Otology, Rhinology & Laryngology
Ann. pharm. franc.	Annales pharmaceutiques francaises
Ann. Phys.	Annales de Physique
Ann. Physik	Annalen der Physik
Ann. Repts. on Progress Chem. (Chem. Soc. of London)	Annual Reports on the Progress of Chemistry (Chemical Society of London)
Ann. soc. geol. Belg.	Annales de la societe geologique de Belgique
Ann. soc. sci. Bruxelles	Annales de la societe scientifique de Bruxelles
Ann. Surg.	Annals of Surgery
Ann. Western Med. Surg.	Annals of Western Medicine and Surgery
Applied Sci. Research (Netherlands)	Applied Scientific Research (Netherlands)
Arch. Anat. Micros.	Archives d'Anatomie Microscopique
Arch. Biochem.	Archives of Biochemistry
Arch. biol. (Liege)	Archives de biologie (Liege)
Arch. cuban. cancerol.	Archivos cubanos de cancerologia
Arch. "E. Maragliano" pat. e clin.	Archivio "E. Margoliano" di patologia e clinica
Arch. intern. pharmacodynamie	Archives internationales de pharmacodynamie et de therapie
Arch. Dermatol. and Syphilol.	Archives Dermatology and Syphilology
Arch. intern. physiol.	Archives internationales de physiologie
Arch. Internal Med.	Archives of Internal Medicine
Arch. Metallkunde	Archiv fur Metallkunde
Arch. Musee Teyler	Archives de Musee Teyler
Arch. Ohren-Nasen-Kehlkopfheildunde	Archiv fur Ohren-Nasen-und Kehlkopfheilkunde
Arch. Ophtalmol. (Chicago)	Archives of Ophthalmology (Chicago)
Arch. Otolaryngol.	Archives of Otolaryngology
Arch. Path.	Archives of Pathology
Arch. Phys. Med.	Archives of Physical Medicine
Arch. sci. biol. (Italy)	Archivio di scienze biologische (Italy)
Arch. sci. phys. et nat.	Archives des sciences physiques et naturelles
Arch. Surg.	Archives of Surgery
Arkiv Kemi Mineral. Geol.	Arkiv for Kemi, Mineralogi och Geologi
Ars Med.	Ars Medici
ASTM Bulletin	American Society for Testing Materials Bulletin
Astron. J. Soviet Union	Astronomical Journal of the Soviet Union
Astronomie	Astronomie, l'
Astrophys. J.	Astrophysical Journal
ATI Tech. Data Dig.	ATI Technical Data Digest
Atomes	Atomes
Atomic Eng.	Atomic Engineering
Atoom	Atoom (Amsterdam)
Australian J. Exptl. Biol. Med. Sci.	Australian Journal of Experimental Biology and Medical Science
Australian J. Sci.	Australian Journal of Science
Australian J. Sci. Research	Australian Journal of Scientific Research
Bact. Rev.	Bacteriological Reviews
Beama J.	Beama Journal for the British Electrical Industry
Biochem. Z.	Biochemische Zeitschrift

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Bell Labs. Record	Bell Laboratories Record
Bell System Tech. J.	Bell System Technical Journal
Better Crops with Plant Food	Better Crops with Plant Food
Biblio. Agr.	Bibliography of Agriculture
Biochem. J.	Biochemical Journal
Biochim. et Biophys. Acta	Biochimica et Biophysica Acta
Biodynamica	Biodynamica
Biol. Abstracts	Biological Abstracts
Biol. Bull	Biological Bulletin
Biometrics Bull.	Biometrics Bulletin
Bios	Bios (Mt. Vernon, Iowa)
Blast Furnace Steel Plant	Blast Furnace and Steel Plant
Blood	Blood (Journal of Meatology)
Bol. inst. sudamer. petrol. (Montevideo)	Boletin del instituto sudamericano del petroleo (Montevideo)
Bol. soc. quim. Peru	Boletin de la sociedad quimica del Peru
Boll. d'ocul.	Bolletino d'oculistica
Boll. Soc. Biol. Sper.	Bollettino della Societa di Biologia Sperimentali
Botan. Gaz.	Botanical Gazette
Botan. Rev.	Botanical Review
Brick & Clay Record	Brick & Clay Record
Brit. Abstracts	British Abstracts
Brit. Inst. Radio Engrs.	British Institution of Radio Engineers
Brit. J. Cancer	British Journal of Cancer
Brit. J. Exptl. Path.	British Journal of Experimental Pathology
Brit. J. Ind. Med.	British Journal of Industrial Medicine
Brit. J. Ophthalmol.	British Journal of Ophthalmology
Brit. J. Radiology	British Journal of Radiology
Brit. J. Surg.	British Journal of Surgery
Brit. J. Urol.	British Journal of Urology
Brit. Med. Bull.	British Medical Bulletin
Brit. Med. J.	British Medical Journal
Brit. Plastics	British Plastics
Brit. Sci. Instr. Res. Assoc.	British Scientific Instruments Research Association
Bull. acad. med. (Paris)	Bulletin de l' academie de medecine (Paris)
Bull. acad. roy. med. Belg.	Bulletin de l' academie royale de medecine de Belgique
Bull. acad. sci. U.R.S.S.	Bulletin de l' academie des sciences de l' Union des Republiques Sovietiques Socialistes
Bull. Am. Assoc. Petroleum Geol.	Bulletin of the American Association of Petroleum Geologists
Bull. Am. Math. Soc.	Bulletin of the American Mathematical Society
Bull. Am. Phys. Soc.	Bulletin of the American Physical Society
Bull. asso. franc. etude cancer	Bulletin de l'association francaise pour l'etude du cancer
Bull. Atomic Scient.	Bulletin of the Atomic Scientists
Bull. Calcutta Math. Soc.	Bulletin of the Calcutta Mathematical Society
Bull. Cancer	Bulletin de Cancer
Bull. Chicago Acad. Sci.	Bulletin of the Chicago Academy of Sciences
Bull. classe sci. Acad. roy. Belg.	Bulletin de la classe. des sciences, Academie royale de Belgique

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Bull. Cleveland Acad. Med.	Bulletin of the Cleveland Academy of Medicine
Bull. Copper Brass Res. Assoc.	Bulletin of the Copper and Brass Research Association
Bull. Geol. Soc. Am.	Bulletin of the Geological Society of America
Bull. Hyg.	Bulletin of Hygiene
Bull. Inst. Mining Met.	Bulletin of the Institution of Mining and Metallurgy
Bull. inst. Pasteur	Bulletin de l' Institute of Pasteur
Bull. of Iowa & Ill. Central District Med. Assoc.	Bulletin of Iowa & Illinois Central District Medical Association
Bull. Johns Hopkins Hosp.	Bulletin of the Johns Hopkins Hospital
Bull. N. Y. Acad. Med.	Bulletin of the New York Academy of Medicine
Bull. San Francisco County Med. Soc.	Bulletin of the San Francisco County Medical Society
Bull. Schweiz. Elektrotech. Ver.	Bulletin des Schweizerischen Elektrotechnischen Vereins
Bull. sci. math.	Bulletin des Sciences Mathematiques
Bull. soc. chim. Belges	Bulletin de la societe chimique Belges
Bull. soc. chim. France	Bulletin de la societe chimique de France
Bull. St. Louis Med. Soc.	Bulletin of the St. Louis Medical Society
Bull. U. S. Army Med. Dep.	Bulletin of the U. S. Army Medical Department
Bull. Vancouver Med. Assoc.	Bulletin of the Vancouver Medical Association
Bumazh. Prom.	Bumazhnaya Promyshlennost (Paper Industry)
Byull. Eksptl. Biol. Med.	Byulleten Eksperimental 'noi Biologii i Meditsiny
Calif. J. Mines Geol.	California Journal of Mines and Geology
Calif. Med.	California Medicine
Can. Chem. Process Inds.	Canadian Chemistry and Process Industries
Can. Hospitals	Canadian Hospitals
Can. J. Research	Canadian Journal of Research
Can. Med. Assoc. J.	Canadian Medical Association Journal
Can. Metals Met. Inds.	Canadian Metals and Metallurgical Industries
Can. Mining Met. Bull.	Canadian Mining and Metallurgical Bulletin
Can. Mining J.	Canadian Mining Journal
Cancer	Cancer
Cancer Bull.	Cancer Bulletin
Cancer News	Cancer News
Cancer Research	Cancer Research
Casopis Lekaru Ceskych	Casopis Lekaru Ceskych
Ceram. Age	Ceramic Age
Ceram. Ind.	Ceramic Industry
Chem. Abstracts	Chemical Abstracts
Chem. Age (London)	Chemical Age, The (London)
Chem. Age (N. Y.)	Chemical Age (New York)
Chem. Eng. News	Chemical and Engineering News
Chemistry & Industry	Chemistry & Industry
Chem. Bull. (Chicago)	Chemical Bulletin, The (Chicago)
Chem. Eng.	Chemical Engineering
Chem. Eng. Mining Rev.	Chemical Engineering and Mining Review

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Chem. Eng. Progress	Chemical Engineering Progress
Chem. Inds.	Chemical Industries
Chem. Processing Rev.	Chemical Processing Review
Chem. Prod. and Chem. News	Chemical Products and Chemical News (Essex)
Chem. Revs.	Chemical Reviews
Chem. Trade J.	Chemical Trade Journal and Chemical Engineering, The
Chem. Weekblad	Chemisch Weekblad
Chem. Zentr.	Chemisches Zentralblatt
Chemist	Chemist
Chemistry (Budapest)	Chemistry (Budapest)
Chemistry (China)	Chemistry (China)
Chemurgic Digest	Chemurgic Digest
Chicago Heart Assoc. Bull.	Chicago Heart Association Bulletin
Chicago Med. Soc. Bull.	Chicago Medical Society Bulletin
Chinese J. Phys.	Chinese Journal of Physics
Chinese Med. J.	Chinese Medical Journal
Ciencia (Mex.)	Ciencia: Revista hispano-americano de ciencias puras y aplicados
Cincinnati J. Med.	Cincinnati Journal of Medicine
Civil Eng.	Civil Engineering
Civil Eng. (London)	Civil Engineering (London)
Cleveland Clinic Quart.	Cleveland Clinic Quarterly
Clin. Med.	Clinical Medicine
Clin. Osteop.	Clinical Osteopathy
Clin. Sci.	Clinical Science
Coal Age	Coal Age
Coal Heat	Coal Heat
Quart. Colo. School Mines	Quarterly of the Colorado School of Mines
Combustion	Combustion
Commun. Applied Math.	Communucations on Applied Mathematics
Compt. rend.	Comptes rendus hebdomadaires des seances de l' academie des sciences (Paris)
Compt. rend. soc. biol.	Comptes rendus hebdomadaires des seances de la societe de biologie et de ses filiales (Paris)
Connecticut Acad. Arts Sci.	Connecticut Academy of Arts and Sciences
Corrosion	Corrosion
Corrosion and Material Protect.	Corrosion and Material Protection
Coventry Eng. Soc. J.	Coventry Engineering Society Journal
Current Med. Dig.	Current Medical Digest
Dansk Teknisk Tids	Dansk Teknisk Tidsskrift
Delaware State Med. J.	Delaware State Medical Journal
Dental Abstracts	Dental Abstracts
Dental Digest	Dental Digest
Dental Items of Interest	Dental Items of Interest
Dental Survey	Dental Survey
Deut. med. Wochschr.	Deutsche medicinische Wochenschrift
Diabetes Abstracts	Diabetes Abstracts
Die Casting	Die Casting
Diseases of the Chest	Diseases of the Chest
Diseases Nervous System	Diseases of the Nervous System
Doklady Akad. Nauk. S.S.S.R.	Doklady Akademii Nauk S.S.S.R. (Reports of the Academy of Sciences U.S.S.R.)
Dupont Mag.	Dupont Magazine
Dyestuffs	Dyestuffs

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Eastman Kodak Co. Monthly Abstract Bull.	Eastman Kodak Company Monthly Abstract Bulletin
Econ. Geol.	Economic Geology
Edinburgh Med. J.	Edinburgh Medical Journal
Elec. Eng.	Electrical Engineering
Elec. Mfg.	Electrical Manufacturing
Electrochem. Soc. J.	Electrochemical Society Journal
Electromet Rev.	Electromet Review
Electronic Eng.	Electronic Engineering
Electronic Inds. & Electronic Instrumentation	Electronic Industries and Electronic Instrumentation
Electronics	Electronics
Elektrichestvo	Elektrichestvo
Endeavour	Endeavour
Endocrinology	Endocrinology
Eng. Mining J.	Engineering and Mining Journal
Eng. Dig.	Engineers Digest
Eng. J.	Engineering Journal
Eng. Mater. Processes	Engineering Materials Processes
Eng. News-Record	Engineering News-Record
Engineer	Engineer
Engineering	Engineering
Entomol. Berich.	Entomologiche Berichten
Entomol. Monthly Mag.	Entomologists' Monthly Magazine
Entomol. News	Entomological News
Entomologist	Entomologist
Excerpta Med.	Excerpta Medica
Experientia	Experientia
Explosives Engr.	Explosives Engineer
Exptl. Med. and Surg.	Experimental Medicine and Surgery
Eye, Ear, Nose, Throat Monthly	Eye, Ear, Nose, and Throat Monthly
Faraday Discussions	Faraday Discussions
Federation Proc.	Federation Proceedings
Fertilizer Rev.	Fertilizer Review
Finska Kemistsamfundets Medd.	Finska Kemistsamfundets Meddelanden
Flugwehr und Technik	Flugwehr und Technik
Food Research	Food Research
Foundry	Foundry, The
Fuel	Fuel in Science and Practice
Fueliol & Oil Heat	Fueliol & Oil Heat
Gastroenterologia	Gastroenterologia
Gen. Elec. Rev.	General Electric Review
Genetics	Genetics
Genie civil	Genie civil, Le
Geol. Foren i. Stockholm Forh.	Geologiska Foreningens i. Stockholm Förhandlingar
Geriatrics	Geriatrics
Glass Digest	Glass Digest
Glass Ind.	Glass Industry, The
Guthrie Clinic Bull.	Guthrie Clinic Bulletin
Guy's Hosp. Gaz.	Guy's Hospital Gazette
Guy's Hosp. Repts.	Guy's Hospital Reports
Gynecol. Obstetr.	Gynecologie et Obstetrique
Handbuch Eisenhutten.	Handbuch des Eisenhuttenlaboratorium
Harper Hosp. Bull.	Harper Hospital Bulletin
Harvard Eng. Soc. Bull.	Harvard Engineering Society Bulletin
Helv. Chim. Acta	Helvetica Chimica Acta
Helv. Med. Acta	Helvetica Medica Acta
Helv. Phys. Acta	Helvetica Physica Acta
Helv. Physiol. et Pharmacol. Acta	Helvetica Physiologica et Pharmacologica Acta

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Hereditas	Hereditas (Genetiskt Arkiv)
Human Biol.	Human Biology
Hygeia	Hygeia
Illinois Dental J.	Illinois Dental Journal
Illinois Engr.	Illinois Engineer
Illinois Med. J.	Illinois Medical Journal
Ind. Eng. Chem.	Industrial and Engineering Chemistry
Ind. and Power	Industry and Power
Ind. Bull. (N. Y. State Dept. Labor)	Industrial Bulletin, The (Monthly News Magazine, New York State Department of Labor)
Ind. Canada	Industrial Canada
Ind. Chemist	Industrial Chemist and Chemical Manufacturer
Ind. Chim. Phosphate Reunis	Industrie Chimique et la Phosphate Reunis
Ind. Hyg., Div. Ind. Hyg., N. Y. State Dept. Labor	Industrial Hygiene, Division of Industrial Hygiene, New York State Department of Labor
Ind. Hyg. Newsletter	Industrial Hygiene Newsletter
Ind. Med.	Industrial Medicine
Indian and Eastern Engr.	Indian and Eastern Engineer
Indian Eng.	Indian Engineering
Indian J. Med. Research	Indian Journal of Medical Research
Indian J. Phys.	Indian Journal of Physics
Indian Med. Gaz.	Indian Medical Gazette, The
Industrie chim. belge	Industrie chimique belge, L'
Infantry J.	Infantry Journal
Inst. Engrs. Australia	Institution of Engineers Australia
Inst. Mech. Engrs. (London) J.; Proc.	Institution of Mechanical Engineers (London)
Instrumentation	Instrumentation
Instruments	Instruments
Interchem. Rev.	Interchemical Review
Ion	Ion – Revista Espanola de Quimica Aplicada
Iowa Eng.	Iowa Engineer
Iowa State Med. Soc. J.	Iowa State Medical Society Journal
Irish J. Med. Sci.	Irish Journal of Medical Science
Iron Age	Iron Age
Iron and Steel (London)	Iron and Steel (London)
Iron Steel Engr.	Iron and Steel Engineer
Iron Steel Sym. Powder Met.	Iron and Steel Symposium on Powder Metallurgy
Iron Ore	Iron Ore
Iva	Iva: Tidskrift for Teknisk – Vetenskaplig Forskning
Izvest. Akad. Nauk. S.S.S.R. Otd. Khim. Nauk.	Izvestiya Akademii Nauk S.S.S.R. Otdelenie Khimicheskikh Nauk
J. Acoust. Soc. Am.	Journal Acoustical Society of America
J. Agr. Research	Journal of Agricultural Research
J. Agr. Sci.	Journal of Agricultural Science
J. Allergy	Journal of Allergy
J. A. Ceram. Soc.	Journal of the American Ceramic Society
J. Am. Chem. Soc.	Journal of the American Chemical Society, The
J. Am. Dental Assoc.	Journal of the American Dental Association
J. Am. Med. Assoc.	Journal of the American Medical Association
J. Am. Med. Women's Assoc.	Journal of the American Medical Women's Association

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
J. Am. Oil Chemists' Soc.	Journal of the American Oil Chemists' Society
J. Am. Pharm. Assoc.	Journal of the American Pharmaceutical Association
J. Am. Soc. Naval Engrs.	Journal of the American Society of Naval Engineers
J. Am. Vet. Med. Assoc.	Journal of the American Veterinary Medical Association
J. Anat.	Journal of Anatomy
J. Animal Sci.	Journal of Animal Science
J. Applied Mechanics	Journal of Applied Mechanics
J. Applied Phys.	Journal of Applied Physics
J. Arkansas Med. Soc.	Journal of the Arkansas Medical Society
J. Assoc. Offic. Agr. Chemists	Journal of the Association of Official Agricultural Chemists
J. Aviation Med.	Journal of Aviation Medicine, The
J. Bact.	Journal of Bacteriology
J. Biol. Chem.	Journal of Biological Chemistry, The
J. Biol. Phot. Assoc.	Journal of the Biological Photographic Association
J. Bone and Joint Surgery	Journal of Bone and Joint Surgery
J. Brit. Astron. Assoc.	Journal of the British Astronomical Association
J. Bull. Am. Ceram. Soc.	Journal and Bulletin of the American Ceramic Society
J. Cellular Comp. Physiol.	Journal of Cellular and Comparative Physiology
J. Chem. Education	Journal of Chemical Education
J. Chem. Met. Mining Soc. S. Africa	Journal of the Chemical, Metallurgical and Mining Society of South Africa, The
J. Chem. Phys.	Journal of Chemical Physics
J. Chem. Soc.	Journal of the Chemical Society (London)
J. chim. phys.	Journal de chimie physique et de physicochimie biologique
J. Chirurgie	Journal de Chirurgie
J. Clin. Endocrinol.	Journal of Clinical Endocrinology, The
J. Clin. Invest.	Journal of Clinical Investigation, The
J. Colloid Sci.	Journal of Colloid Science
J. Dental Research	Journal of Dental Research
J. Econ. Entomol.	Journal of Economic Entomology
J. Eng. Education	Journal of Engineering Education
J. Entomol. and Zool.	Journal of Entomology and Zoology
J. Exptl. Biol.	Journal of Experimental Biology
J. Exptl. Med.	Journal of Experimental Medicine
J. Exptl. Zool.	Journal of Experimental Zoology
J. Faraday Soc.	Journal of the Faraday Society
J. Florida Med. Assoc.	Journal of the Florida Medical Association
J. Franklin Inst.	Journal of the Franklin Institute
J. Gen. Microbiol.	Journal of General Microbiology
J. Gen. Physiol.	Journal of General Physiology
J. Genetics	Journal of Genetics
J. Geol.	Journal of Geology
J. Georgia Med. Assoc.	Journal of the Georgia Medical Association
J. Gerontol.	Journal of Gerontology
J. Heredity	Journal of Heredity
J. Immunol.	Journal of Immunology
J. Ind. Hyg. Toxicol.	Journal of Industrial Hygiene and Toxicology
J. Indian Chem. Soc.	Journal of the Indian Chemical Society

ABBREVIATION	JOURNAL
J. Indian Med. Assoc.	Journal of the Indian Medical Association
J. Indiana State Med. Assoc.	Journal of the Indiana State Medical Association
J. Infectious Diseases	Journal of Infectious Diseases, The
J. Inst. Elec. Engrs. (London)	Journal of the Institution of Electrical Engineers (London), The
J. Inst. Mech. Engrs.	Journal of the Institution of Mechanical Engineers
J. Inst. Metals	Journal of the Institute of Metals and Metallurgical Abstracts
J. Inst. Petroleum	Journal of the Institute of Petroleum
J. Intern. Coll. Surgeons	Journal of the International College of Surgeons
J. Investigative Dermatol.	Journal of Investigative Dermatology
J. Iron Steel Inst. (London) or (Japan)	Journal of the Iron and Steel Institute (London) or (Japan)
J. Junior Inst. Engrs. (London)	Journal of the Junior Institution of Engineers (London)
J. Kansas Med. Soc.	Journal of the Kansas Medical Society
J. Lab. Clin. Med.	Journal of Laboratory and Clinical Medicine
J. Laryng. and Otology.	Journal of Laryngology and Otology
J. Mammalogy	Journal of Mammalogy
J. Marine Research (Sears Foundation)	Journal of Marine Research (Sears Foundation)
J. Math. Phys.	Journal of Mathematics and Physics
J. Math. Pure et App.	Journal de Mathematiques Pure et Appliques
J. Med. Assoc. Georgia	Journal of the Medical Association of Georgia
J. Med. Paris	Journal de Medicine de Paris
J. Med. Soc. New Jersey	Journal of the Medical Society of New Jersey, The
J. Metals (Japan)	Journal of Metals (Japan) (Kinzoku).
J. Michigan State Med. Soc.	Journal of the Michigan State Medical Society, The
J. Missouri State Med. Assoc.	Journal of the Missouri State Medical Association
J. Mt. Sinai Hosp. N. Y.	Journal of the Mount Sinai Hospital, New York
J. Natl. Cancer Inst.	Journal of the National Cancer Institute
J. Nervous Mental Disease	Journal of Nervous and Mental Disease, The
J. Neurol. Neurosurg. Psychiat.	Journal of Neurology, Neurosurgery, and Psychiatry
J. New Engl. Water Works Assoc.	Journal of the New England Water Works Association
J. N. Y. Entomol. Soc.	Journal of the New York Entomological Society
J. Nutrition	Journal of Nutrition
J. Obstet. Gynaecol. Brit. Empire	Journal of Obstetrics and Gynaecology of the British Empire
J. Optical Soc. Am.	Journal of the Optical Society of America
J. Org. Chem.	Journal of Organic Chemistry
J. Parasitol.	Journal of Parasitology, The
J. Patent Office Soc.	Journal of the Patent Office Society
J. Path. Bact.	Journal of Pathology and Bacteriology, The
J. Pediat.	Journal of Pediatrics, The

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
J. Pharm. Pharmacol.	Journal of Pharmacy and Pharmacology
J. Pharmacol. Exptl. Therap.	Journal of Pharmacology and Experimental Therapeutics
J. Phys. & Colloid Chem.	Journal of Physical and Colloid Chemistry
J. phys. radium	Journal de physique, Le, et la radium
J. Physics U.S.S.R.	Journal of Physics U.S.S.R.
J. physiologie	Journal de physiologie
J. Physiol. (London)	Journal of Physiology, The (London)
J. Polymer Sci.	Journal of Polymer Science
J. Proc. Australian Chem. Inst.	Journal and Proceedings of the Australian Chemical Institute
J. Proc. Roy. Inst. Chem. Gt. Brit. and Ireland	Journal and Proceedings of the Royal Institute of Chemistry of Great Britain and Ireland
J. Proc. Roy. Soc. N. S. Wales	Journal and Proceedings of the Royal Society of New South Wales
J. Radiol. Electrol.	Journal de Radiologie et d' Electrologie
J. Recherches Centre Nat.	Journal des Recherches du Centre National de la Recherche Scientifique
J. Research Natl. Bur. Standards	Journal of Research, National Bureau of Standards
J. Roy. Army Med. Corps	Journal of the Royal Army Medical Corps
J. Roy. Astron. Soc. Can.	Journal of the Royal Astronomical Society of Canada
J. Roy. Microscope. Soc.	Journal of the Royal Microscopical Society
J. Sci. Instruments	Journal of Scientific Instruments
J. Soc. Chem. Ind. (London) or (Japan)	Journal of the Society of Chemical Industry (London) or (Japan)
J. South Carolina Med. Assoc.	Journal of the South Carolina Medical Association
J. Tenn. Acad. Sci.	Journal of the Tennessee Academy of Science
J. Trop. Med. Hyg.	Journal of Tropical Medicine and Hygiene
J. Univ. Bombay	Journal of the University of Bombay
J. urologie	Journal de Urologie
J. Urol.	Journal of Urology
J. Wash. Acad. Sci.	Journal of the Washington Academy of Sciences
Jackson Clin. Bull.	Jackson Clinic Bulletin
Jefferson-Hillman Hosp. Bull.	Jefferson-Hillman Hospital Bulletin
Kansas City Med. J.	Kansas City Medical Journal
Kentucky Med. J.	Kentucky Medical Journal
Kgl. Danske Videnskab. Selskabs, Skrifter, Naturvidenskab. math. Afdel.	Kongelige Danske Videnskabernes Selskabs, Det, Skrifter, Naturvidenskabelig og mathematisk Afedling
Kgl. Norske Videnskab. Selskabs, Forh.	Kongelige Norske Videnskabers Selskabs, Det, Forhandlinger
Klin. Wochschr.	Klinische Wochenschrift
Krebsarzt	Krebsarzt
Lancet	Lancet, The
Light Metal Age	Light Metal Age
Light Metals	Light Metals
McGill Med. J.	McGill Medical Journal
Machine Design	Machine Design
Materials & Methods	Materials & Methods
Math. Gazette	Mathematical Gazette
Math. Revs.	Mathematical Reviews

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Mech. Eng.	Mechanical Engineering
Mech. World Eng. Record	Mechanical World and Engineering Record
Med. Ann. Dist. Columbia	Medical Annals of the District of Columbia
Med. Economics	Medical Economics
Med. J. Australia	Medical Journal of Australia, The
Med. Klin. (Munich)	Medizinische Klinik (Munich)
Med. Press	Medical Press
Med. Record	Medical Record
Med. Rev. Mexicana	Medicina Revista Mexicana
Med. Times	Medical Times
Med. Woman's J.	Medical Woman's Journal
Medicine	Medicine
Mem. artillerie franc.	Memorial de l' artillerie francaise
Metal Ind. (London)	Metal Industry, The (London)
Metal Progress	Metal Progress
Metal Treatment	Metal Treatment
Metallforschung	Metallforschung
Metallurgia	Metallurgia
Metals Rev.	Metals Review, The
Metals Technol.	Metals Technology
Metaus & corrosion	Metaux & corrosion
Military Engr.	Military Engineer, The
Military Surgeon	Military Surgeon, The
Mine and Quarry Eng.	Mine and Quarry Engineering
Mineracao e met. (Rio de Janerio)	Mineracao e metalurgia (Rio de Janerio)
Mineral Ind.	Mineral Industries
Mines Mag. (Colo.)	Mines Magazine, The (Colorado)
Mining and Met.	Mining and Metallurgy
Mining Congr. J.	Mining Congress Journal
Mining J. (London) or (Phoenix, Ariz.)	Mining Journal, The (London) or (Phoenix, Ariz.)
Mining Mag.	Mining Magazine, The
Mining Technol.	Mining Technology
Minnesota Med.	Minnesota Medicine
Mississippi Valley Med. J.	Mississippi Valley Medical Journal
Modern Ind.	Modern Industry
Modern Med.	Modern Medicine (Minneapolis)
Modern Metals	Modern Metals
Monthly Notices Roy. Astron. Soc.	Monthly Notices of the Royal Astronomical Society
Nachr. Ges. Wiss. Gottingen	Nachrichten von der Gesellschaft der Wissenschaften zu Gottingen
Nation's Agr.	Nation's Agriculture
Natl. Bur. Standards (U.S.) Tech. News Bull.	National Bureau of Standards (U.S.) Technical News Bulletin
Natl. Engr.	National Engineer
Natl. Petroleum News	National Petroleum News
Natl. Safety News	National Safety News
Nature	Nature (London)
Nature, La	Nature, La
Nature Mag.	Nature Magazine
Naturwissenschaften	Naturwissenschaften
Nauka i Zhizn	Nauka i Zhizn
Nederland Tijdschr. Geneesk.	Nederlandsch Tijdschrift voor Geneeskunde
New Engl. J. Med.	New England Journal of Medicine
New England Med. Center Bull.	New England Medical Center Bulletin
New Orleans Med. Surg. J.	New Orleans Medical and Surgical Journal
N. Y. State J. Med.	New York State Journal of Medicine
New Zealand J. Sci. Technol.	New Zealand Journal of Science and Technology

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Non-Destructive Testing	Non-Destructive Testing (formerly Industrial Radiography)
Nord. Med.	Nordisk Medicine
North Am. Veterinarian	North American Veterinarian
Northern Miner	Northern Miner
Northwest Med.	Northwest Medicine
Northwestern Eng.	Northwestern Engineer (Northwestern University)
Nucleonics	Nucleonics
Nuovo cimento	Nuovo cimento, Il
Nutrition Abstracts & Revs.	Nutrition Abstracts & Reviews
Nutrition Revs.	Nutrition Reviews
Observatory	Obsevatory, The (London)
Occupational Med.	Occupational Medicine
Oesterr. Chem. Ztg.	Oesterreichische Chemiker-Zeitung
Ohio J. Sci.	Ohio Journal of Science, The
Ohio State Med. J.	Ohio State Medical Journal, The
Oil Gas J.	Oil and Gas Journal, The
Oncologia	Oncologia
Optical J. Rev.	Optical Journal and Review
Ordnance	Ordnance
Org. Chem. Bull.	Organic Chemical Bulletin (Eastman Kodak)
Pacific Sci.	Pacific Science
Paint, Oil, Chem. Rev.	Paint, Oil, and Chemical Review
Pediatrics (U.S.S.R.)	Pediatrics (U.S.S.R)
Penn. Med. J.	Pennsylvania Medical Journal, The
Petroleum	Petroleum
Petroleum Engr.	Petroleum Engineer, The
Petroleum Processing	Petroleum Processing
Petroleum Refiner	Petroleum Refiner
Petroleum Technol.	Petroleum Technology
Petroleum World (Los Angeles)	Petroleum World (Los Angeles)
Pflugers Arch. ges. Physiol.	Pflugers Archiv fur die gesamte Physiologie des Menschen und der Tiere
Pharm. J.	Pharmaceutical Journal, The
Phil. Mag.	Philosophical Magazine, The
Phil. Sci.	Philosophy of Science
Phil. Trans. Roy. Soc. London	Philosophical Transactions of the Royal Society of London
Philips Research Repts.	Philips Research Reports
Philips Tech. Rev.	Philips Technical Review
Phot. J.	Photographic Journal, The
Phys. Rev.	Physical Review, The
Phys. Today	Physics Today
Physica	Physica
Physician's Bull	Physician's Bulletin
Physik. Blatter	Physikalische Blatter
Physik. Z.	Physikalische Zeitschrift vereinigt mit dem Jahrbuch der Radioaktivitat und Elektronik
Physik. Z Sowjetunion	Physikalische Zeitschrift der Sowjetunion
Physiol. Revs.	Physiological Reviews
Physiol. Zool.	Physiological Zoology
Phytopathology	Phytopathology
Plant Admin.	Plant Administration
Plant Physiol.	Plant Physiology
Polski Tygodnik Lekarski	Polski Tygodnik Lekarski
Popular Mech.	Popular Mechanics
Popular Sci.	Popular Science

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Post-Graduate Med. J.	Post-Graduate Medical Journal
Powder Met. Bull.	Powder Metallurgy Bulletin
Power	Power
Power Generation	Power Generation
Practitioner	Practitioner, The
Presse med.	Presse medicale, La
Priroda	Priroda
Proc. Am. Phil. Soc.	Proceedings of the American Philosophical Society
Proc. Am. Soc. Civil Engrs.	Proceedings of the American Society of Civil Engineers
Proc. Biol. Soc. Washington	Proceedings of the Biological Society of Washington
Proc. Cambridge Phil. Soc.	Proceedings of the Cambridge Philosophical Society
Proc. Chicago Inst. Med.	Proceedings of the Chicago Institute of Medicine
Proc. Soc. Exptl. Biol. Med.	Proceedings of the Society of Experimental Biology and Medicine
Proc. Geol. Assoc.	Proceedings of the Geologists' Association
Proc. I.R.E.	Proceedings of the Institute of Radio Engineers
Proc. Indian Acad. Sci.	Proceedings of the Indian Academy of Sciences
Proc. London Math. Soc.	Proceedings of the London Mathematical Society
Proc. Natl. Acad. Sci., India	Proceedings of the National Academy of Sciences, India
Proc. Natl. Acad. Sci. U.S.	Proceedings of the National Academy of Sciences of the United States
Proc. Phys.-Math. Soc. Japan	Proceedings of the Physico-Mathematical Society of Japan
Proc. Phys. Soc. (London)	Proceedings of the Physical Society (London)
Proc. Roy. Soc. Edinburgh	Proceedings of the Royal Society of Edinburgh
Proc. Roy. Soc. (London)	Proceedings of the Royal Society (London)
Proc. Roy. Soc. Med.	Proceedings of the Royal Society of Medicine
Proc. Roy. Soc. Victoria	Proceedings of the Royal Society of Victoria
Proc. Roy. Irish Acad.	Proceedings of the Royal Irish Academy
Proc. Soc. Exptl. Biol. Med.	Proceedings of the Society for Experimental Biology and Medicine
PSA Journal	PSA Journal
Pubs. Astron. Soc. Pacific	Publications of the Astronomical Society of the Pacific
Quart. App. Math.	Quarterly of Applied Mathematics
Quart. Bull. Northwestern Univ. Med. School	Quarterly Bulletin of the Northwestern University Medical School
Quart. J. Geol. Soc. London	Quarterly Journal of the Geological Society of London
Quart. J. Microscop. Sci.	Quarterly Journal of Microscopical Science
Quart. Rev. Biol.	Quarterly Review of Biology, The
Radio-Electronics	Radio-Electronics
Radio Rev. Australia	Radio Review of Australia (formerly Proceedings of the Institute of Radio Engineers, Australia)
Radiography	Radiography
Radiologia Clin.	Radiologia Clinica
Radiologia (Rome)	Radiologia (Rome)
Radiology	Radiology
R C A Rev.	R C A Review
Rec. trav. chim.	Recueil des travaux chimique des Pays-Bas
Record Chem. Progress (Kresge-Hooker S.L.)	Record of Chemical Progress (Kresge-Hooker Scientific Library)
Rend. ist. super. santia	Rendiconti istituto superiore di sanita
Research	Research
Rev. can. biol.	Revue canadienne de biologie

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Rev. Chirurgie	Revue de Chirurgie
Rev. Clin. Pediat.	Revista di Clinica Pediatrica
Rev. Gastroenterol.	Review of Gastroenterology
Rev. gen. sci.	Revue generale des sciences pures et appliquees
Rev. med. franc.	Revue medicale francaise
Revs. Modern Phys.	Reviews of Modern Physics
Rev. optique	Revue d'optique theorique et instrumentale
Rev. questions sci.	Revue des questions scientifiques
Rev. Sci. Instruments	Review of Scientific Instruments
Rev. Sci.	Revue scientifique, La
Rev. suisse zool.	Revue suisse de zoologie
Rev. trimestr. can.	Revue trimestrielle canadienne
Rev. zool. bot. Africaine	Revue de zoologie et de botanique Africaine
Revs. Modern Phys.	Reviews of Modern Physics
Rheumatism	Rheumatism
Rhode Island Med. J.	Rhode Island Medical Journal
Ricerca sci. e ricostruz.	Ricerca scientific e ricostruzione
Rocky M. Med. J.	Rocky Mountain Medical Journal
Roentgen-Praxis	Roentgen Praxis
Rubber Age (N.Y.)	Rubber Age, The (New York)
Rubber Chem. and Technol.	Rubber Chemistry and Technology
S. A. E. Journal	S. A. E. Journal (formerly Journal of the Society of the Automotive Engineers)
Safety Eng.	Safety Engineering
Sang, Le	Sang, Le
School Sci. and Math.	School Science and Mathematics
Schweiz. Apoth.-Ztg.	Schweizerische Apotheker-Zeitung
Schweiz. Arch. angew. Wiss. u. Tech.	Schweizer Archiv fur angewandte Wissenschaft und Technik
Schweiz. med. Wochschr.	Schweizerische Medizinische Wochenschrift
Schweiz. Z. Biochem.	Schweizerische Zeitschrift fur Biochemie
Sci and Tech. in China	Science and Technology in China
Sci. J. Roy Coll. Sci.	Scientific Journal of Royal College of Science
Science	Science
Science Abstracts	Science Abstracts
Science and Culture	Science and Culture (India)
Science and Mechanics	Science and Mechanics
Science and Technology	Science and Technology
Science Digest	Science Digest
Science et inds. phot.	Science et industries photographiques
Science et Vie	Science et Vie
Science Illustrated	Science Illustrated
Science in Progress	Science in Progress
Science News Letter	Science News Letter
Sci. American	Scientific American
Sci. Monthly	Scientific Monthly, The
Scope	Scope
Scripta Math.	Scripta Mathematica
Semaine Hopitaux Paris	Semaine des Hopitaux de Paris
Semana med. (Buenos Aires)	Semana Medica, La (Buenos Aires)
Sight-Saving Review	Sight-Saving Review
Sky and Telescope	Sky and Telescope
Soc. Automotive Engrs. Trans.	Society of Automotive Engineers Transactions
Soc. Cubana Ingenieros	Sociedad Cubana de Ingenieros
Soc. Sci. Fennica, Commentationes Phys.-Math.	Societas Scientiarum Fennica, Commentationes Physico-Mathematicae
Soil Sci.	Soil Science
S. African J. Med. Sci.	South African Journal of Medical Sciences
S. African Mining Eng. J.	South African Mining and Engineering Journal
S. African Science	South African Science
Southern Med. J.	Southern Medical Journal

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
Southern Surgeon	Southern Surgeon
Space Flight	Space Flight
Sprectrochim Acta	Spectrochimica Acta
Sperryscope	Sperryscope
Stahl u. Eisen	Stahl und Eisen
Standford Med. Bull.	Stanford Medical Bulletin
Steam Engr.	Steam Engineer
Steel	Steel
Steel Processing	Steel Processing
Strahlentherapie	Strahlentherapie
Suomen Kemistilehti	Suomen Kemistilehti
Surg. Gynecol. Obstet.	Surgery, Gynecology, and Obstetrics with International Abstracts of Surgery
Surgery	Surgery
Svensk Kem. Tid.	Svensk Kemisk Tidskrift
Tech. Book Review Index	Technical Book Review Index
Technol. Rev.	Technology Review
Tek. Tid.	Teknisk Tidskrift
Terr. Mag. and Atmos. Elec.	Terrestrial Magnetism and Atmospheric Electricity
Texas Repts. Biol. Med.	Texas Reports in Biology and Medicine
Texas State J. Med.	Texas State Journal of Medicine
Tin	Tin
Toko-ginecologia practica	Toko-ginecologia practica
Trabajos inst. nacl. cienc. med. (Madrid)	Trabasjos del instituto nacional de ciencias medicas (Madrid)
Tracerlog	Tracerlog
Trans. Am. Acad. Ophthalmol. Otol.	Transactions of the American Academy of Ophthalmology and Otology
Trans. Am. Entomol. Soc.	Transactions of the American Entomologfcal Society
Trans. Am. Inst. Chem. Engrs.	Transactions of the American Institute of Chemical Engineers
Trans. Am. Inst. Mining Met. Engrs.	Transactions of the American Institute of Mining and Metallurgical Engineers
Trans. Am. Microscop. Soc.	Transactions of the American Microscopical Society
Trans. Am. Soc. Mech. Engrs.	Transactions of the American Society of Mechanical Engineers
Trans. Natl. Inst. Sci. India	Transactions of the National Institute of Sciences of India
Trans. N. Y. Acad. Sci.	Transctions of the New York Academy of Sciences
Trans. Proc. Roy. Soc. New Zealand	Transactions and Proceedings of the Royal Society of New Zealand
Trans. Brit. Ceram. Soc.	Transactions of the British Ceramic Society
Trans. Electrochem. Soc.	Transactions of the Electrochemical Society
Trans. Faraday Soc.	Transactions of the Faraday Society
Trans. Geol. Soc. S. Africa	Transactions of the Geological Society of South Africa
Trans. Illinois State Acad. Sci.	Transactions of the Illinois State Academy of Science
Trans. Inst. Mining Engrs. (London)	Transactions of the Institution of Mining Engineers (London)
Trans. Kansas Acad. Sci.	Transactions of the Kansas Academy of Science
Trans. Roy. Geol. Soc. Cornwall	Transactions of the Royal Geological Society of Cornwall
Tranc. Roy. Soc. S. Africa	Transactions of the Royal Society of South Africa
Trop. Diseases Bull.	Tropical Diseases Bulletin
Tumori	Tumori
U. S. Bur. Mines Inform. Circ.	U. S. Bureau of Mines Information Circular
U. S. Bur. Mines Rêpts. Invest.	U. S. Bureau of Mines Reports of Investigations

LIST OF PERIODICALS SEARCHED FOR NUCLEAR SCIENCE ABSTRACTS

ABBREVIATION	JOURNAL
U. S. Naval Med. Bull.	U. S. Naval Medical Bulletin
Urol. and Cutaneous Rev.	Urologic and Cutaneous Review
Uspekhi Fiz. Nauk	Uspekhi Fizicheskikh Nauk (Progress of Physical Science)
Uspekhi Khim.	Uspekhi Khimii (Progress of Chemistry)
Uspekhi Sovremennoi Biol.	Uspekhi Sovremennoi Biologii (Advances in Modern Biology)
Vestnik Akad, Nauk S.S.S.R.	Vestnik Academii Nauk S.S.S.R.
Vestnik Inzhenerov i Tekh.	Vestnik Inzhenerov i Teknikov (Engineers' and Technicians' Review)
Vestnik Leningrad Univ.	Vestnik Leningradskogo Universiteta (Leningrad University Bulletin)
Vestnik Moskovskogo Univ.	Vestnik Moskovskogo Universiteta (Moscow University Bulletin)
Vet. J.	Veterinary Journal, The
Vet. Med.	Veterinary Medicine
Virginia Med. Monthly	Virginia Medical Monthly
Wash. Univ. Med. Alumni Quart.	Washington University Medical Alumni Quarterly
Western J. Surg. Obstet. Gynecol.	Western Journal of Surgery, Obstetrics, Gynecology
Western Metals	Western Metals
Westinghouse Engr.	Westinghouse Engineer
Wien. med. Wochschr.	Wiener Medizinische Wochenschrift
Wire and Wire Products	Wire and Wire Products
Wisconsin Engr.	Wisconsin Engineer, The
Wisconsin Med. J.	Wisconsin Medical Journal, The
World Oil	World Oil
World Petroleum	World Petroleum
X-Ray Technician	X-Ray Technician
Yale J. Biol. and Med.	Yale Journal of Biology and Medicine
Yale Sci. Mag.	Yale Scientific Magazine, The
Z. angew. Physik.	Zeitschrift fur Angewandte Physik
Z. ges. Neurol. Psychiat.	Zeitschrift für die gesamte Neurologie und Psychiatrie
Z. Metallkunde	Zeitschrift fur Metallkunde
Z. Naturforsch.	Zeitschrift fur Naturforschung
Z. Physik	Zeitschrift fur Physik
Z. physik. Chem.	Zeitschrift fur physikalische Chemie
Z. tech. Physik	Zeitschrift fur technische Physik
Za Oboronu	Za Oboronu
Zavodskaya Lab.	Zavodskaya Laboratoriya
Zhur. Eksptl. i Teoret Fiz.	Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki
Zhur. Fiz. Khim.	Zhurnal Fizicheskoi Khimii (Journal of Physical Chemistry)
Zhur. Obshchei Khim.	Zhurnal Obshchei Khimii (Journal of General Chemistry)
Zhur. Tekhi Fiz.	Zhurnal Teknicheskoi Fiziki (Journal of Technical Physics)

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